

BOSTON NAVAL SHIPYARD

CAPTAIN RAYMOND W. BURK, USN, COMMANDER

MISSION, TASKS AND FUNCTIONS

OFFICIAL MISSION

The official mission assigned to Boston Naval Shipyard is to provide logistic support for assigned ships and service craft; to perform authorized work in connection with construction, conversion, overhaul, repair, alteration, dry docking, and outfitting of ships and craft, as assigned; to perform manufacturing research, development, and test work, as assigned; and to provide services and material to other activities and units, as directed by competent authority.

TASKS AND FUNCTIONS

The following tasks and functions are performed by Boston Naval Shipyard in the accomplishment of the official mission:

- a. Provide logistic support to activities and units of the Operating Forces of the U. S. Navy and to naval shore activities, as assigned by competent authority.

b. Perform authorized shipwork in connection with new construction, conversion, overhaul, repair, alteration activation, inactivation, dry docking, and outfitting of various types of ships and service craft including aircraft carriers, with emphasis on destroyer-type ships and auxiliaries.

c. Design, construct, and convert destroyer-type ships, auxiliaries, landing craft, and other naval ships, as assigned.

d. Design and convert destroyer and cruiser-type ships to guided missile ships. Design, rehabilitate, and modernize active fleet ships, as authorized.

e. Operate as planning yard for ship alterations for designated cruisers, destroyer-type ships, auxiliaries, and service craft.

f. Prepare allowance lists for ships under construction and conversion in accordance with instructions issued by NAVSHIPS; prepare changes to allowance lists incident to ships' alterations and overhauls; and verify Preliminary Equipment Component Index relative to ships' electronics equipment.

g. Support the Shipyard Commander in his capacity as SUPSHIP ONE, including mobilization planning.

h. Perform manufacturing, as assigned, including chain and appendages and rope.

i. Operate a Shipboard Electronic Systems Evaluation Facility at Nahant, Massachusetts, for the conduct of shipboard antenna systems studies and the calibration of shipboard electronic detection and navigation systems.

j. Provide to ships, shore radar collimation alignment facilities for shipboard Terrier, Talos, and Tartar missile systems.

k. Provide maintenance, repair, and technical electronics support to ships and shore stations in the First Naval District for cryptographic equipment, and to ships and shore stations in the First Naval District, other than Portsmouth Naval Shipyard, for radac equipment.

l. Provide transducer, hydrophone and bathythermograph repair services to all East Coast and Atlantic Coast area activities, private and naval, and to foreign countries through the MAP Program.

m. Perform research, development, test, and evaluation work, as assigned.

n. Conduct inspection and acceptance tests on commercially procured rope, as requested.

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o. Carry out duties of NAVSHIPS regarding marine salvage within the First Naval District as directed.

p. Serve as the Design Yard for salvage rigging, submarine salvage pontoons and related equipment.

q. Operate an Emergency Ship Salvage Material (ESSM) Base to support the needs of the First Naval District. This includes responsibilities as the Technical Activity, Storage Activity, and Issue Control Activity.

r. Operate a submarine Salvage Equipment Pool (SUBSALVEQP) of highly specialized material for use in submarine salvage operations. This includes responsibilities as the Technical Activity and Storage Activity.

s. Maintain structural submarine salvage pontoons and related equipment in ready-for-use condition.

t. Serve as a repair activity for repair and replacement of motion and still picture equipment for ship and shore activities in the Boston area.

u. Serve as the design agent for die-lock chain and appendages and operate as a holding activity for forging dies to be used within the Navy and loaned to private industry.

v. Repair selected electronic equipment under the NAVSHIPS Restoration Program.

w. Arrange for commissioning of ships and transfer of ships to foreign governments under the Military Assistance Program, as assigned.

x. Operate a "Metrology Laboratory" for the calibration of NAVSHIPS electronic and mechanical test equipment, including the maintenance of reference standards and the calibration of working standards for ships and activities in the First Naval District.

y. Repair and calibrate all types of electronic and mechanical measuring devices for ships and stations in the First Naval District.

z. Provide supply support to the following:

(1) Active Fleet units, Coast Guard ships, and small craft in the Port of Boston area.

(2) DOD, Coast Guard, and other government activities in the Greater Boston area, as assigned, or on a situation basis; NAVORD Technical Representative, Pittsfield, Mass.; SUPSHIP, Bath, Maine.

aa. Serve as the outfit supply activity for ships designated by NAVSHIPS; normally, ships undergoing construction or conversion in commercial shipyards in the First and Ninth Naval Districts.

bb. Serve as fitting out activity for ships constructed, activated, converted in the First Naval District, as assigned.

cc. Serve as primary stock point of the Navy Supply System for the following material: F, J, S, N, H, A, 1W; serve as Secondary Stock Point for 1I material; serve as direct supply support point of the Defense Supply System for Federal Stock Group 95 material and selected items of Group 6145 owned and managed by DISC; serve as retail stock point for the following material: 9C, 9G, 9N, 9M, 9Q, 9Z; serve as a consumer stock point for 9D and 9U material.

dd. Receive, identify, and dispose of surplus property and materials for the Boston Naval Shipyard, naval activities in the Boston area, and other DOD activities, as assigned; operate a scrapyard in Charlestown, and conduct sales at the South Boston Annex.

ee. Provide fueling and defueling services by means of barges to active Fleet units of bulk marine diesel and JP 5, distillate Navy Special fuel oils.

ff. Furnish, to contractors of the Boston Naval Shipyard, SUPSHIP ONE, and Naval Ship Systems Command Headquarters,

production facilities (machinery, equipment, machine tools), furniture, and vehicles when such items are not obtainable from private sources, and when it is clearly in the interest of the Navy to do so.

gg. Provide storage and issue services for Civil Defense shelter supplies, as requested by the Office of Civil Defense, Department of Defense.

hh. Develop, prepare, and maintain mobilization logistics, disaster control, and other plans as assigned; maintain liaison with Civil Defense officials in the community.

ii. Provide data processing, tug and pilot, industrial relations, fire prevention and fire protection, security, utilities services, and other services to naval activities and other government agencies, as assigned.

jj. Provide logistic, maintenance, repair, and security support to USS CONSTITUTION (IX-21); provide facilities and administration in connection with visiting by the general public.

kk. Manufacture switchboards and other electrical control devices for entire ship classes on a project basis.

ll. Responsible for custody and maintenance of facilities for use by the Inshore Underseas Warfare Unit, Boston.

mm. Provide public works support to activities in the First Naval District as requested.

nn. Provide facilities, utilities, and services to other DOD activities and other government departments who are tenants of the Shipyard.

oo. Provide messing (Navy and Marine Barracks personnel) and personnel berthing ashore in Frazier Barracks and messing and personnel berthing afloat on APL-19. Provide recreation, exchange facilities, chaplain services, other support services to military personnel attached to the Boston Naval Shipyard and to ships under availability at Boston Naval Shipyard and at private shipyards in the Boston area, as directed. Maintain records of naval personnel attached to the Shipyard.

pp. Administer and operate the following messes at Charlestown: Commissioned Officers' Mess (Open); Commissioned Officers' Mess (Closed); CPO Mess (Open).

qq. Provide, when requested, office equipment, tools, and office storage, and industrial spaces to ships at the Boston Naval Shipyard and at private shipyards in the Boston area, and tools to ships at the Newport Naval Base.

rr. Perform boarding officer and other SOPA administrative functions and tasks as assigned by Navy and Fleet regulations for those ships assigned to Boston Naval Shipyard for repair and overhaul at Charlestown and South Boston Annex and for berthing at Charlestown. Perform Port Director functions, as assigned by Commander, Naval Base, Boston for ships arriving for availabilities or berthing.

ss. Provide first aid treatment and medical care for civilian employees who are injured or become ill while on duty. Provide physical examinations for Shipyard civilian employees and applicants for the Peace Corps.

tt. Provide medical care and services to Navy and Marine Corps personnel attached to the Shipyard and on ships and craft at the Shipyard and at private yards in the Boston area not having medical facilities, to dependents of military personnel living in the Shipyard and to military personnel at other activities and units, as directed by competent authority. Maintain health records of military personnel attached to the Shipyard.

uu. Provide dental equipment repair services to ships in the area and designated dental activities within the First Naval District.

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vv. Provide dental treatment to Navy and Marine Corps personnel attached to the Shipyard and to Navy and Marine Corps personnel attached to ships and craft at the Shipyard and at private shipyards in the Boston area not having dental facilities. Also, provide dental treatment to retired Navy and Marine Corps personnel in the Boston area (workload permitting) excluding staff and patient personnel of the U. S. Naval Hospital, Chelsea, Mass. Maintain dental records of military personnel attached to the Shipyard.

ww. Provide dental space and facilities to ships present when space and facilities aboard ships are undergoing overhaul.

xx. Provide for the organization, coordination, and implementation of a preventive dentistry program in accordance with current instructions and directives.

yy. Accomplish shore electronics work, as requested by the Naval Shore Electronics Engineering Activity, First Naval District.

zz. Conduct examinations and licensing of motor vehicle operators attached to the Boston Naval Shipyard, U. S. Coast Guard, and naval ships and stations in the Boston area.

aaa. Perform installation planning and lead yard functions for AN/SQS-26AX sonar with major retrofit.

bbb. Operate as a repair and support center for designated Sperry, Meridian and Slave gyro compasses.

ccc. Operate the East Coast Repair and Restoration Activity for AN/SQA-10 VDS towed vehicle and transducer assembly.

ddd. Operate the East Coast Restoration and Assembly Facility for VDS tow cables.

eee. Repair combatant ship propellers and shafts and maintain a stock level thereof in ready for issue condition, as designated by NAVSHIPS.

fff. Plan, fabricate, assemble, test, maintain, review design plans and install Scorsby Test Stands (MK 6 Mod 6), as required.

ggg. Restore NAVSHIPS Boat and Landing Craft GSC Group 1905 and 1940 (other than inflatable) as assigned.

hhh. Operate a facility for the Naval Ship Engineering Center to restore sonar motor generators.

iii. Operate as the East Coast Facility for the repair and overhaul of superheaters for supercharged steam boilers for the DE-1040 Class ships.

jjj. Operate the East Coast Restoration and Repair Facility for Naval Air Systems Command Headquarters to restore AN /AQS-10 and AN/AQS-13 airborne sonar transducer assemblies (PROJECT YO-YO).

kkk. Provide identification cards and photographs to military personnel and their dependents.

lll. Provide refuse disposal service to the U.S. Naval Station, Boston; school bus service to the U.S. Naval Hospital, Chelsea, Mass. and Marine Barracks, Boston; and security guard services to the U.S. Naval Station, Boston and U.S. Naval Hospital, Chelsea, Mass.

mmm. Perform planning, design and installation tasks in connection with the controllable pitch propeller system (CPCH) for DE-1052 class ships. Also, provide training for ship's force during installation period.

nnn. Supervise and administer all construction, demolition and laboratory testing contracts, including service and informal maintenance contracts awarded by the Officer in Charge of Construction (OICC); providing all necessary administrative, technical, engineering, clerical and inspection services required for field level operations at designated naval activities in the First Naval District.

ooo. Operate an incinerator for burning of classified material by the Shipyard, SUPSHIP ONE, Marine Barracks, ships present, and by ships at private shipyard under the cognizance of SUPSHIP ONE.

ppp. Provide mail routing, correspondence handling, and duplicating services for the Shipyard, SUPSHIP ONE, Marine Barracks, ships present, and tenant activities.

qqq. Control naval ship movement in the Boston Harbor and Boston Naval Shipyard as well as private shipyards that are under the cognizance of SUPSHIP ONE. Schedule and control tugs for ship movements in and out of Boston Harbor. Provide berthing and piloting services for ships in the Boston Naval Shipyard, and piloting services for ships in private shipyards under the cognizance of SUPSHIP ONE. Provide berthing of ships without availability, including ships of other governments.

rrr. Provide communication services (telephone, teletype, and messages) to ships present and tenant activities of the Shipyard. Also, provide AUTODIN relay services for Marine Barracks and the U. S. Naval Hospital, Chelsea, Mass.

sss. Provide support and assistance, on a temporary or emergency basis, to other Federal Agencies and local, city, and state governments on request.

ttt. Provide laboratory services to various agencies (technical guidance on chemical cleaning, scale and sludge removal, material identification, water treatment, boiler corrosion, boiler feed water problems, etc.).

uuu. Provide administrative and support services to the NAVSHIPS Computer Applications Support and Development Office and PERA (ASW) Office.

vvv. Provide storage space for NAVORD reserve equipment and NAVSHIPS reserve machine tools and equipment.

www. Provide training to ships' personnel in the Shipyard and in private shipyards under the cognizance of SUPSHIP ONE. Administer the training program for friendly allied nationals.

xxx. Maintain quarters and grounds at Charlestown and South Boston Annex for officers attached to the Shipyard and First Naval District Headquarters, including the Commandant, First Naval District, and for officers occupying public quarters from Forces Afloat.

yyy. Operate as the East Coast Refit Activity for main feed and booster pumps.

zzz. Maintain suitable organization and facilities to perform the industrial portions of degaussing, including special tests and investigations, as directed by Naval Ship Systems Command Headquarters. Provide assistance to ships' forces on compass compensation and with necessary instruction or on-the-job training for degaussing systems equipment. Assist the Fleet in achieving and maintaining the required magnetic condition of mine warfare ships.

aaaa. Prepare manufacturing and installation plans, procure material as necessary, modify and test Talos Missile Handling Equipment (FAST) for reliable and satisfactory service use on all designated ships of the Navy.

bbbb. Provide photographic and reproduction services to SUPSHIP ONE.

cccc. Serve as Navy-wide refit activity for Worthington high pressure air compressors.

dddd. Operate the East Coast Sonar Equipment Assemblies Repair Facility.

eeee. Provide systems analysis and programming services to the NAVSHIPS Management Information System Executive Group (MISEG) and the NAVSHIPS Computer Applications Support and Development Office (CASDO).

ffff. Provide support to the Supply Operations Assistance Program (SOAP) Team.

gggg. Operate PERA(ASW) to act as NAVSHIPS' principal agent for intensive management of planning and engineering for Anti-Submarine Warfare Ship Overhauls and other related programs as tasked by NAVSHIPS.

hhhh. Operate as a saluting station with authority to return national gun salutes fired by foreign warships.

iiii. Under the Surface Ship Acoustic and Ship Silencing Program, provide trial director, engineering personnel, equipment and services to conduct trials; record and analyze data; and recommend corrective action on new ships and for acoustic maintenance for other ships as required, on the East Coast.

jjjj. Perform work for SUPSHIP ONE and other U.S. Government Departments, private parties, and foreign governments, as directed by competent authority.

kkkk. Provide space (including, but not limited to pier, office, personnel berthing, etc.); maintain ship berthing facilities; perform shipboard maintenance and repairs; and furnish services for the security and safety of ships assigned to Naval Inactive Ship Maintenance Facility, Boston detachment.

llll. Provide all aspects of a preventive medicine program for the Shipyard and tenant activities including: inspection of all food service facilities and food and drink vending machines, surveillance of the potable water system, garbage disposal, and other aspects relative to environmental health.

mmmm. Provide technical support in areas of insect and rodent control for both Boston Naval Shipyard and berthed ships;

provide rodent inspection and issuance of international certificate of Deratization/Deratization exemption as applicable and upon request of USN or USCG ships in the Boston area.

nnnn. Act as assembly point and prepare Allowance Appendix Pages (AAP's) as required for Electronic Field Changes, HM&E Equipment Changes, and ShipAlts for shipment to Germany for the DDG's 28-30.

oooo. Operate an ASROC major repair facility.

pppp. Operate the East Coast Sonar Equipment Assemblies Repair Facility to check out, repair, and calibrate sonar modules.

qqqq. Repair NAVORD equipment in store.

rrrr. Operate as the East Coast Facility to provide test director and test teams to observe, assess, and evaluate damage and derangements incurred by ship and its equipment during at-sea shock tests on any class of ships as required by NAVSHIPS.

ssss. Operate Naval Tactical Data System (NTDS) Land Base Test Site for accomplishment of NTDS engineering and test work as assigned; provide maintenance, repair and technical support to ships' NTDS equipment.

HISTORY OF BOSTON NAVAL SHIPYARD MODERNIZATION

1. In 1964, a review in depth of all Naval Shipyards was completed by the Department of the Navy and Department of Defense. The purpose for this review was to determine which, if any, of eleven shipyards would be inactivated. This activity was one of nine shipyards that was selected to be retained on an active basis. Subsequently, in December of 1965, the Secretary of Defense directed the Department of the Navy to develop a five-year plan for Shipyard Modernization with definable goals and an organizational assignment of responsibility for total program development, implementation and reporting. The Shipyard Modernization Program was approved by the Asst. Secretary of the Navy (Installation and Logistics) in February, 1966, and a contract for an engineered long-range modernization program for the shipyards was signed in April, 1966, with Kaiser Engineers, in association with various other industrial engineering firms.

2. The initial thrust into the long-range modernization program was conducted on only two of the nine shipyards, specifically, Philadelphia and Long Beach, with the Government reserving the option to continue the contract to include the remaining shipyards in the modernization program study. Subsequently, a study of the Boston Naval Shipyard was conducted by Kaiser Engineers the latter part of 1966, from which emanated certain recommendations for updating and improving the activity as it existed. This included that part of the activity sited at Charlestown and that part sited at the South Boston Annex. However, the obsolescence and constraints of the existing facility complex at Charlestown dictated a parallel investigation which would explore the cost effectiveness of consolidating all shipyard facilities and operations at the South Boston Annex area where a very much larger site could be developed for accommodation of a consolidated shipyard activity and where shipyard operations would not be inhibited by constraints in area size.

3. Development of the consolidated shipyard incorporated utilizing the abutting property of the Boston Army Supply Base which had been reported to the General Services Administration

as excess real property. This property was considered ideal, because not only was it contiguous to the South Boston Annex, but it was available to the Navy and eliminated any land taking of private property. The physical features of the Boston Army Supply Base buildings, existing piers and accessibility enhanced the cost effectiveness of the planned consolidation, as many of the existing facilities could be utilized with moderate renovations and modifications.

Higher level approval of transfer of the Boston Army Supply Base to the Navy has been obtained, the date of transfer scheduled to be effective 1 July 1970.

4. Kaiser Engineers completed their final reports on their engineered long-range modernization of the Boston Naval Shipyard in March, 1968, with the recommendation that consolidation of the shipyard in the South Boston Annex was a more profitable investment than modernization of the existing facilities in Charlestown and the South Boston Annex. After due study and review of the Kaiser Engineers' proposal for consolidation of the Shipyard complex at the South Boston Annex, this activity made certain

recommendations for changes to the original proposal which would reduce the capital investment outlay and would increase the cost effectiveness of the program without reduction of efficiency.

Guided by economic analyses of alternate plans for Shipyard Modernization, the Naval Ship Systems Command resolved that the modernized Boston Naval Shipyard should be located at the South Boston site, which was concurred in by the Secretary of Defense. Accordingly, the Naval Facilities Engineering Command was requested to develop an installation master plan for a modernized consolidated shipyard. The intended purpose of a master plan was to translate recommendations of the Shipyard Modernization Program into a site development plan to ensure the timely and orderly physical development of facilities required to support current and future military operations. This proposed modernization of the Boston Naval Shipyard differs greatly from that planned for the other eight naval shipyards. Whereas the other shipyards are modernizing existing facilities, this activity is virtually constructing a new shipyard from the ground up, on another site. This is particularly noteworthy, as this is the first time since the inception of the original eleven shipyards that a new shipyard complex would be built.

It can be seen that a program of this magnitude would contain inherent problems not easily discernable at the outset. The principal problem area presented was the acquisition of the Boston Army Supply Base. Currently, the Massachusetts Port Authority leases Bldgs. 7, 8, & 10 and their contiguous berthing area in the Boston Army Supply Base from the Army and, in turn, sublet their holdings to various private firms. Loss of this lease would, of course, result in lost revenue to the Massachusetts Port Authority for which it was generally agreed that some form of compensation would be negotiated that would satisfy all parties concerned. The date for termination of this lease was planned for 30 June 1973.

Development of the Consolidated Shipyard was not confined to consideration of the Massachusetts Port Authority alone. The Master Planning, also, involved other Metropolitan and State Departments, e.g., Boston Redevelopment Authority, Metropolitan District Commission, Massachusetts Department of Commerce and Development, Metropolitan Planning Council and Eastern Massachusetts Regional Planning Project. Involvement with all these departments was understandable, as each one had a vested interest in areas surrounding this

large industrial complex planned to be constructed. This involvement precipitated multiple conferences, correspondence and studies; all with a means toward the same end, development of an industrial complex without disruption and/or deferment of locally planned civic improvements.

In December 1969, the Program Manager for Shipyard Modernization (Code 101, collateral duty for Code 400) was appointed as an Associate Member to the Governor's Advisory Council on Transportation to better coordinate the present and future Boston Naval Shipyard requirements with the local city plans.

5. In the interim, cognizant Shipyard personnel had been preparing justifying documents for the items necessary to provide the initial facilities of a consolidated shipyard. Phasing of the various projects are planned in such a manner that they will dovetail into preceding projects and become fully operative as complete and usable facilities. Up to and including 30 June 1969, projects for a complete Public Works Complex, New Quay-wall-type Wharfs and New Dry Docks had been submitted for approval and funding.

All current and planned project phasing and construction schedules have been developed on the assumption that the Consolidated Shipyard will be constructed within a ten-year Military Construction Program period and that physical moves to the new facilities will be made as soon as feasible following construction. Meanwhile, the mission of the Boston Naval Shipyard will still have to be fulfilled by existing facilities. This requirement of "business at the same old stand" under all conditions imposes a tremendous planning and scheduling task on personnel involved in programming the consolidation.

CEREMONIES

The following ceremonies of significance took place at the Shipyard during the year:

SHIPS COMMISSIONED

<u>SHIP</u>	<u>DATE</u>	<u>COMMANDING OFFICER</u>
DESTROYER ROMMEL (D185)	2 May	CDR. Klaus Karl Stange, GN
USS DUPONT (DD941)	9 May	CDR. Winfred P. Allen, USN
USS KANSAS CITY (AOR-3)	6 June	CAPT. K. Christoph, Jr., USN
USS PORTLAND (LSD-37)	3 Oct.	CAPT. M.M. Zenni, USN
USS DAVIS (DD-937)	17 Oct.	CDR. William J. Sweet, USN
USS SAVANNAH (AOR-4)	4 Dec.	CAPT. B.P. Williams, Jr., USN

SHIPS DECOMMISSIONED

<u>SHIP</u>	<u>DATE</u>	<u>COMMANDING OFFICER</u>
USS BOSTON (CA 69)	5 May	CAPT. R.A. Kormorowski, USN

COMMUNICATIONS

1. Following is the average volume of message traffic for 1970:

	<u>Narrative</u>	<u>Data</u>
Outgoing	67 Messages per day	55 Messages per day
Incoming	107 Messages per day	134 Messages per day

2. The Consolidated Communication Center is presently using the AUTODIN Teletypewriter System to transmit and receive all narrative and data message traffic. Plans have been made to transfer all Shipyard Communication function to Naval Base Boston by mid-1972.

AWARDS RECEIVED BY SHIPYARDFIRE PREVENTION AWARD

The Boston Naval Shipyard was selected by the National Fire Protection Association for the Third Place Award in the Military Division for Group I Activities (Over 3, 500 personnel).

SHIPS' DATA

Regular Overhauls.	11
Restricted Availabilities	20
Fitting Out	10
Post Shakedown	4
Conversions	2
Commissionings.	6
Inactivations.	4
Drydockings.	26

INCENTIVE AWARDS PROGRAMBENEFICIAL SUGGESTION PROGRAM

Suggestions received 1, 577
Total awards granted 720
Cash Awards \$ 47, 637.
First-year Estimated Savings \$1,602, 401.

SUPERIOR ACCOMPLISHMENT AWARDS

Number awarded 225
Cash Awards \$48, 860.

MERITORIOUS CIVILIAN SERVICE AWARD

(HONORARY) 1

BLOOD DONOR PROGRAM

Number of Donors 1, 828
Gross Total Blood Donations to 31 December 1970 . . . 46, 140

EMPLOYMENT

As of 31 December 1970, there were 6, 124 personnel employed at the Boston Naval Shipyard, which is a decrease of 1, 226 from the 31 December 1969 total figure.

CHARITABLE CAMPAIGNS

Total Amount Contributed (Combined Federal Campaign) . . \$58, 021.

CIVILIAN PAYROLL

Retirement	\$4,206,601.37
Federal Income Tax	9,797,951.21
State Income Tax	1,853,004.70
Federal Insurance Contribution Act	7,171.17
Bonds.	2,031,244.72
Contribution Notes/Bonds (Freedom Notes)	29,232.25
Employees Life Insurance Fund.	617,446.70
Union Dues Deductions.	123,045.76
Federal Employees Health Benefits	1,795,870.17
Net Take-Home Pay.	45,358,685.29
Deductions for Charity	33,346.18
Savings Allotments	267,287.00
Gross Total.	<u>\$66,120,886.52</u>

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Christmas Parties for Underprivileged Children

Amount collected \$5, 593. 26

Amount expended 5, 593. 26

Number of parties held 3

Number of children entertained 60

Amounts distributed to various charities, as follows:

Toys for Tots (U. S. Marine Corps) \$ 80.00

Salvation Army 380.00

Bethel Christian Center, Boston, Mass. 120.00

Boston Globe Santa 510.00

Head Start Program, Ecumenical Center, Roxbury, MA 180.00

Home for Little Wanderers 230.00

Para Tours 305.00

Needy children of employees of Shop 38 50.00

Needy children of deceased members of Shops 51 and 67 1,025.00

Shipyard Chaplain for needy children of servicemen, . . 100.00

Long Island Hospital Chaplain for items for hospitalized
patients 50.00

Total. \$3, 030.00

DISTINGUISHED VISITORS TO THE SHIPYARD

<u>DATE</u>	<u>VISITORS</u>
28 January	Rear Admiral C. R. Bryan, USN Fleet Maintenance Officer and Assistant Chief of Staff for Maintenance and Logistics Plans
20 February	Rear Admiral K. R. Wheeler, USN Commander, Naval Supply Systems Command
2 May	Honorable Johannes Birckholtz Undersecretary of Defense Federal Republic of Germany
5 May and 9 May	Rear Admiral J. N. Shaffer, USN Commander, Cruiser-Destroyer Force U. S. Atlantic Fleet
6 June	Senator James B. Pearson of Kansas
17 June	Rear Admiral F. C. Jones, USN Inspector General Naval Ship Systems Command
15 July	Rear Admiral W. M. Enger, (CEC), USN Commander, Naval Facilities Engineering Command and Chief of Civil Engineers of the Navy
3 October	General F. Chapman, Jr., USMC Commandant, U.S. Marine Corps
17 October	Dr. Frederick H. Hartman Professor, Naval War College Newport, R. I.
5 December	Congressman G. Elliott Hagan 1st District, Georgia

COMMUNITY PROJECTS

Various community projects in which the Boston Naval Shipyard participates are as follows:

- (a) Federation of Charlestown Organizations
- (b) Friends of the Charlestown Library
- (c) Boy Scouts, Girl Scouts, Cub Scouts and Sea Scouts.

Week-end tours of the Shipyard were arranged for these groups during the year and, where feasible, visits on board ships were included.

- (d) Tours of the Shipyard Industrial shops were arranged for various Vocational School Groups.

- (e) Press, Radio and Television Media in Boston and cities and towns in Massachusetts.

- (f) Commonwealth of Massachusetts Employment Agencies.

- (g) Support of Domestic Action Programs

Domestic Action is defined as any activity designed to alleviate social or economic problems of the Nation. The DOD Domestic Action Program is the aggregation of domestic action activities conducted by all Defense Agencies, Military Departments and Services to assist local, State and Federal Agencies which have primary responsibilities for social and economic problems of the Nation. Overall program direction and coordination has been vested in the DOD Domestic Action Council, established with the concurrence of the President. Program activities

COMMUNITY PROJECTS (Cont.)

encompass the general areas of equal opportunity, manpower, procurement, physical resources, community relations and the transfer of technical knowledge.

The objective of the Domestic Action Program is to utilize the extensive resources of the Defense Department in cooperation with other governmental and private organizations in the national effort to overcome our serious domestic problems and contribute to the constructive development of our society. The Domestic Action Program should:

- a. Enhance DOD's ability to promote national security;
- b. Increase the opportunities for disadvantaged citizens to receive employment, training, education and recreation;
- c. Help to eliminate institutional discrimination in our nation;
- d. Encourage DOD personnel to become involved on a voluntary basis; and
- e. Enhance mutual respect and cooperation between the Armed Forces and the civilian community.

TRAINING PROGRAMS, RESEARCH AND DEVELOPMENT, AND TESTING

a. During this year eighty-five (85) naval personnel from various commands such as COMCRUDESANT, COMNAVAIRLAND and COMSERVLANT have been trained and qualified in various types of welding so that they are capable of maintaining the operational readiness of fleet.

b. Fourteen (14) welding procedures have been developed, tested and issued as Process Instructions to assure the quality of the welding on Naval ships. These procedures cover a wide range of alloys such as chromium-molybdenum, carbon-molybdenum, corrosion resistant, manganese-nickel-aluminum bronze, copper-nickel, manganese-molybdenum and several different aluminum alloys.

c. Two hundred and sixty-five (265) samples of welding electrodes were tested to insure the quality of over 95,000 lbs. of welding electrodes for use in ship repair, conversion and maintenance.

d. A total of 227 Navy personnel attended the Shipyard's Boiler-Feedwater Test and Treatment Course presented by the Chemical Laboratory. Also trained were three enlisted men from ROMMEL (D-187).

e. During this year, the Process Control Engineering Branch conducted a total of 111 functional audits in such areas of Production, Planning, and Supply. These audits enabled management to review in-house practices for compliance to specification requirements and make timely corrective actions.

FEDERAL SUMMER EMPLOYMENT PROGRAM

While cognizant of the high priority of the Summer Employment Program, the Shipyard was sensitive to the difficult position of regular employees subject to reduction-in-grade and separation as a result of retrenchment. However, 176 youths were hired and placed in most shops and offices. In the 1970 program a greater proportion of the youths came from the poorer areas of the city and this marked a significant thrust for the goal of the program - employment of disadvantaged youth. A local innovation this summer was an Office Procedures Course in which small groups of aids were exposed to telephone techniques, receptionist practice, office etiquette, naval correspondence, filing procedures, and correct dress. Two seminars were also sponsored, one focusing on behavioral adjustment problems and the other on financing a college education. Shipyard counselors were available and performed outreach counseling dealing primarily with job adjustment problems and supervisory advisory services on a case basis or in suspected problem areas.

COLLEGE WORK - STUDY PROGRAM - SUMMER INTERN

Through an agreement with Boston University, seven students were employed to perform management studies, subprofessional engineering and accounting work, data processing, statistical and budget analysis work in CASDO, Planning, Production, Public Works, and Comptroller Departments. The program proved beneficial to the students and the Shipyard.

STAY IN SCHOOL PROGRAM

Under this program 28 youths predominantly from the local Charlestown area are employed after school hours in the Management Engineering Office, Industrial Relations Office, Planning, Production, Public Works, Comptroller, Medical, and Administrative Departments.

WENTWORTH INSTITUTE SCHOLARSHIPS

In conjunction with the Positive Program for Boston and Wentworth Institute, the Shipyard has publicized the availability of scholarship assistance for Wentworth Institute Evening School. Thirteen new students and eleven continuing students predominantly minority group employees have taken advantage of the opportunity and registered for evening courses.

PROJECT VALUE

Recently two trainees received promotions to their target

jobs, File Clerk GS 1. Through the assistance of a Shipyard Counselor, one of these trainees has been fitted for a leg brace to correct a physical handicap. Only one employee is awaiting promotion to the target job. Project Value was badly hit by September's Reduction-in-Force which separated one Worker Trainee and six other employees who started under Project Value.

ACTIVITIES OF THE CHAPLAIN

1. Events of Note:

- a. Easter Sunrise Service, USS CONSTITUTION (IX-21),
29 March. Speaker: CAPT F. L. Garrett, CHC, USN
(Rear Admiral selectee)
- b. Chaplain attended retirement of Chief of Chaplains,
18 June. Retiring: RADM J. W. Kelly, CHC, USN,
and RADM F. L. Garrett, CHC, USN, becoming Chief of
Chaplains.
- c. Chaplain attended Seminar in Norfolk on 2-7 August.
Subject: Evangelism in Contemporary Age.
- d. Chaplain appointed Buddy Base Coordinator.
- e. Chapel anniversary on Sunday, 22 November.
- f. Services conducted in the Chapel for personnel aboard
the ROMMEL by German Military Chaplains.

2. Statistical Report:

a. Services conducted by Chaplain

(1) No. of Services: 107

(2) Total Attendance: 1740

(3) Communion: 196

b. Services other than those conducted by Chaplain:

(1) Roman Catholic: 57 Attendance: 4500

(2) Jewish: 46 Attendance: 495

(3) Protestant: 4 Attendance: 37

c. Sunday School: No.: 38 Attendance: 354

d. Baptisms: 2

e. Weddings: 4

f. Pastoral Calls: 114

g. Professional Counseling Interviews: 471

h. Commissioning Participated in: 2

i. Change of Command Ceremonies: 2

j. Hosted Lay Leader Conference: Attendance: 26

COMMENDATIONS

<u>DATE</u>	<u>RECEIVED FROM</u>
10 January	C.O., USS GARCIA Message 101910Z
12 January	ComCruDesLant Message 121535Z
15 January	ComCruDesLant Message 151710Z
21 January	C.O., USS MILWAUKEE (AOR-2) Message 212017Z
27 January	ComNavShipSysCom letter Ser 10
5 February	C.O., USS KOELSCH (DE 1049) letter DE1049/TNR: cc 1000, Ser: 75
13 February	NavShips Message 132010Z
16 February	ComOne letter 11320 Ser. 116ND315
19 February	C.O., USS WASP (CVS 18) Message 191848Z
20 February	C.O., USS WASP (CVS 18) Message 201307Z
20 February	C.O., USS WASP (CVS 18) letter CVS18:06:TWM: rnb 1650, Ser: 185
25 February	Hon. John H. Chafee, Secretary of the Navy letter
25 February	C.O., USS HARTLEY (DE 1029) letter
25 February	C.O., USS WASP (CVS 18) letter CVS 18:06:TWM: drh 1650 Ser 217
4 March	ComNavAirLant Message 0420407Z
4 March	ComNavAirLant Message 040111Z
10 March	C.O., USS WASP (CVS 18) letter CVS18:06:LML: rnb 1650 Ser 259
10 March	C.O., USS WASP (CVS 18) letter CVS18:61:PFC: mam 1650 Ser 261
12 March	ComNavShipSysCom letter 422.3:AQ:cfs Ser 422-143
17 March	C.O., USS KEYWADIN (ATA-213) letter ATA213/OO/JMB: daf 5000 Ser: 60

<u>DATE</u>	<u>RECEIVED FROM</u>
18 March	Chief, BuMed letter BUMED-6133-ejw 1000
26 March	C.O., Naval Station, BsnNS/Boston 1650/01:csg Ser: 426
31 March	ComCruDesLant Message 311505Z
1 April	C.O., Northeast Div. Naval Facilities Engr. Command letter 12830 012/MLM:ml
8 April	PCO, USS KANSAS CITY (AOR-5) letter AOR 3/00/ fmh 5721 Ser 41
13 April	ComCortRon Eight, ComCortRon Ten JT Letter, Sers 66 and 98
15 April	C.O., USS HARTLEY (DE 1029) letter, Ser 155
16 April	National Aeronautics and Space Administration letter, Cambridge, Massachusetts
17 April	C.O., USS HARRY E. YARNELL (DLG 17) letter, Ser 291
21 April	C.O., USS TALBOT (DEG 4) letter Ser 193
23 April	ComCruDesLant Message 231919Z
25 April	NAVSHIPSYSCOM HQ Message 250027Z
27 April	C.O., USS ALBACORE (AGSS-569) AGSS569/DLF:ker 1500 Ser 99
29 April	USS MISSISSINEWA Message 291940Z
4 May	OinC, USS JACANA (MSC 193) letter Ser 43/70
4 May	USS BOSTON (CA 69) message 041700Z
11 May	C.O., NAS, Quonset Point, R.I. letter, 513
13 May	ComNavShipyd Norfolk letter NY6/5450/140X
18 May	FGNS MOELDERS Message 181307Z
20 May	C.O., Gernam Destroyer Molders letter
25 May	COMSERVRON TWO Message 251625Z

<u>DATE</u>	<u>RECEIVED FROM</u>
27 May	CINCLANTFLT Message 272124Z
28 May	NAVSHIPSYSKOMHQ Message 282243Z
1 June	C.O., Naval Reserve Medical Company 1-1, Boston, Massachusetts, letter
5 June	ComNavShipSysCom letter PMS 378.A4:RDK:sj DLG/AAW/MOD Ser 1077-PMS 378.A4
10 June	C.O., Northeast Division, Naval Facilities Engineering Command, Boston
10 June	C.O., USS LESTER (DE 1022) letter 50:JSR:har 12000
10 June	ComPhibPacFlt letter Ser 41-2232
15 June	COMINELANT Message 151915Z
17 June	ComNavShipSysCom letter Ser 150
18 June	ComCruDesLant Message 181210Z
18 June	C.O., USS THOR (ARC 4) letter
19 June	C.O., Headquarters, Boston Army Base letter
23 June	USS LESTER Message 23220Z
23 June	C.O., USS YORKTOWN (CVS 10) letter Ser 571
25 June	C.O., USS DUPONT Message 251716Z
26 June	PMOLANT Message 261810Z
30 June	C.O., Boston Army Base letter
1 July	FGS ROMMEL Message 011140Z
6 July	C.O., USS DUPONT (DD 941) letter Ser: 120
9 July	C.O., USS DUPONT (DD 941) letter Ser: 125
9 July	C.O., USS DUPONT (DD 941) letter Ser: 126
9 July	C.O., USS DUPONT (DD 941) letter Ser: 127
9 July	OinC, Naval Material Industrial Resources Office Philadelphia, Pa. letter Ser 399

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<u>DATE</u>	<u>RECEIVED FROM</u>
10 July	C.O., USS DUPONT (DD 941) letter Ser 129
10 July	C.O., USS DUPONT (DD 941) letter Ser 130
13 July	ComNavShipSysCom letter Ser 195
15 July	C.O., USS HAMMERBERG (DE 1015) letter Ser: 245
16 July	ComCruDesLant Message 161328Z
18 July	ComNavShipSysCom letter PMS 378.A3:RP:es DDG 29-30/5000 Ser 195
31 July	C.O., USS HARLAN R. DICKSON (DD 708) letter DD708:00:pab 1000 Ser 322
5 August	ComNavFacEngComLant letter 10A:JWE:11p 6250 of 7 July 70 with Cdr., U.S. Naval Activities, Spain 1st End Ser 3123 of 5 Aug thereon
12 August	C.O., USS PATTERSON (DE 1061) letter
13 August	SupShip JAX letter Ser 100-993
18 August	Director, Mayor's Office of Cultural Affairs, Boston, with ComOne 1st End 1650 1ND/ OOa of 18 August 70 thereon
21 August	ComServRon Two Message 212040Z
22 August	ComServLant Message 221411Z
25 August	CINCLANTFLT Message 252219Z
2 September	C.O., USCGC EAGLE (WIX 327) 5700 of 18 Aug 70 with ComNavBase, Boston 1st End 5700 Ser: 125NDo3 of 2 Sep 70
10 September	C.O., USS NIPMUC (ATF 157) letter ATF157/SSR:dn 1650 Ser 248
10 September	OinC, Naval Electronic Systems Command Activity Boston, Mass., letter 12450 Ser 637-032
11 September	NavShipSysCom Hq Message 111143Z
16 September	C.O., USS DUPONT (DD 941) letter DD941/03 1650 Ser 260
16 September	C.O., USS DUPONT (DD 941) letter DD941/03 1650 Ser 261

<u>DATE</u>	<u>RECEIVED FROM</u>
17 September	C.O., USS DUPONT (DD 941) letter DD941/03 1650 Ser 263
17 September	C.O., USS DUPONT (DD 941) letter DD941/03 1650 Ser 264
17 September	C.O., USS DUPONT (DD 941) letter DD941/03 1650 Ser 265
17 September	C.O., USS DUPONT (DD 941) letter DD941/03 1650 Ser 266
17 September	C.O., USS DUPONT (DD 941) letter DD941/03 1650 Ser 267
18 September	Capt. John T. Evans, MSC, USNR-R, C.O. Medical Company 1-1
20 September	C.O., USS DUPONT (DD 941) letter DD941/03 1650 Ser 269
21 September	USS WASP Message 211434Z
21 September	USS NIPMUC Message 211405Z
23 September	ADMINO ComNavAirLant Message 231545Z
25 September	ComCruDesFlot EIGHT letter
28 September	ComServLant Message 281901Z
28 September	C.O., USS DUPONT (DD 941) letter DD941/03 1650 Ser 291
28 September	C.O., USS DUPONT (DD 941) letter DD941/03 1650 Ser 292
1 October	Sanders Associates, Inc., Nashua, NH, letter (Vice Pres., Systems Engineering)
5 October	C.O., USS PORTLAND (DD 937) letter
6 October	C.O., Naval Supply Center, Newport, R.I., letter
9 October	ComCruDesLant message 091322Z
12 October	Defense Supply Agency Headquarters letter
16 October	USS ESCAPE Message
16 October	NavOrd Systems Command letter

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<u>DATE</u>	<u>RECEIVED FROM</u>
19 October	C.O., Naval Facilities Engineering Command letter FAC-1033/JCM:jml
20 October	ComServLant Message
5 November	ComCruDesLant Message 052352Z
12 November	C.O., MISSISSINEWA (AO 144) letter AO144:01:aja 1600 Ser 636
13 November	C.O., USS PORTLAND (LSD-37) letter LSD-37:MMZ: 11z 9000 Ser 135
16 November	U. S. Military Academy, Dept. of the Army, West Point, N.Y., letter
18 November	The Entwistle Co., Providence, R.I., letter
20 November	Merrimack College, Dept. of Civil Engr., No. Andover, Massachusetts, letter
21 November	Gil-Bern Construction Corp., Canton, Mass., letter
27 November	C.O., NROTC and Naval Administrative Unit, M.I.T., Cambridge, Mass., letter
2 December	C.O., Naval Destroyer School, Newport, R.I., letter, NDS/wel 12000 Ser 43/1048
7 December	NavShipSysCom HQ Message 072217Z
10 December	ComCruDesLant Message 102305Z
17 December	CincLant Flt Message 171216Z
20 December	CNM Message 221544Z
24 December	USS WASP Message 241643Z

COMPUTER APPLICATIONS
SUPPORT AND DEVELOPMENT OFFICE
HISTORY REPORT FOR THE CALENDAR YEAR 1970
BACKGROUND

1. Responsibility.

a. CASDO was established effective 1 July 1965, with the responsibility for attaining optimum standardization, compatibility and responsiveness of the Shipyard Management Information System (MIS) through centralized system design, computer analysis, programming, and maintenance efforts.

b. CASDO is the NAVSHIPS organization responsible for centralized design, analysis, programming and maintenance of Shipyard MIS applications. CASDO utilizes its own in-house staff in meeting its responsibilities and when necessary, uses the resources of the naval shipyards and outside contractors.

c. CASDO is responsible to SHIPS 012 in the Plans, Programs and Financial Management Directorate (SHIPS 01) for the accomplishment of functions assigned in Command-wide control of policy, standards, and procedures pertaining to the development, design and implementation of Command-wide Management Information Systems.

d. CASDO is also responsible to MISEG and SHIPS 07Y (ES) in the Field Activities Directorate (SHIPS 07) for collaborating in naval shipyard information and data systems requirement studies, systems development, technical direction of resulting computer programs, and integration with other systems.

2. Authority Source.

NAVSHIPS INST 5450.129B sets forth CASDO's responsibilities, and organizational relationship to NAVSHIPS and the Management Information System Executive Group (MISEG)

3. Limiting Factors.

a. CASDO staffing levels are provided by NAVSHIPS in a separate personnel ceiling augmentation directed to the Boston Naval Shipyard.

b. CASDO receives administrative support from the Boston Naval Shipyard and technical guidance from NAVSHIPS 07Y (ES).

4. Resources.

a. Personnel.

CASDO personnel lists for the calendar year ending January 31, 1971, are provided as Attachment (1) to this report.

b. Physical Facilities.

The CASDO offices, housing approximately one hundred computer systems analysts, programmers and supervisory personnel, are located on the third floor of Building 149 in the Boston Naval Shipyard. The office spaces have been improved and are equipped with modern office furniture. Space for training, training aids and conference rooms is provided. Facilities are available for recording documentation on magnetic tape and producing manuals, program books and other MIS publications.

c. Funding.

Funds for support of CASDO operations are provided by NAVSHIPS under Cost Account 3100 - Military Support Services. Such funding will be granted by Work Request to Boston Naval Shipyard and the funding level applicable to CASDO will be specified at the time annual planning figures are established.

5. Prior History and Background.

Prior history of the development of the NAVSHIPS Shipyard MIS is furnished as Attachment (2).

NAVAL SHIP SYSTEMS COMMAND PROGRAMS AT CASDO

1. Development of Advanced Concepts.

a. Early in 1970, CASDO approved a plan for redesign of the PERT/CPM application to:

(1) Process production data using modern programming technology and advanced information retrieval and data handling techniques.

(2) Allow for expansion to accept the improvements scheduled for implementation on third generation hardware. The redesign effort was supervised under the Project Manager concept and used the top level design package developed under contract by the McDonnell Douglas Astronautics Corporation.

(3) Reflect the results of continuing research in computer independent software technology. At the end of the year, analysis and programming for the syntax analyzer and recognizer modules had been completed and work progress on all other modules was on schedule.

b. On 28 January 1970, CASDO submitted the detailed analysis package of the new Shipyard MIS Material Accounts Payable and Billing Reconciliation (MP) Application to the shipyard for review and comment as directed by MISEG. The new application will eliminate the need for a variety of non-standard procedures and subsystems maintained by the naval shipyards in support of Naval Industrial Fund Accounting. The new application provides for the use of Shipyard MIS computer equipment for the maintenance of records and reports eliminating the use of older types of equipments, permitting equipment release and cost savings. Maintenance of the new system will be supervised by CASDO with assignment of analysis and programming support to a single shipyard as applicable.

c. MISEG distributed revised Shipyard MIS Shop Stores reports to the shipyards for review and comment on 23 November 1970. A reports review committee was appointed who were directed to evaluate the shipyard comments and report to MISEG in February 1971. If approved as submitted, this will result in a 20% reduction in the number of reports while adding two new reports specifically designed for use by top shipyard management.

The revised Shop Store application provides a number of management oriented reports to insure maintenance of stock levels to meet production and NAVSHIPS requirements. The reports have been redesigned to meet the known informational requirements of the shipyards. The revised application provides many advanced concepts that have been subject to Cost Benefits Analysis. They are:

(1) Automatic screening of new NIF material requirements against Shop Store stock records to eliminate manual screening and needless procurement of material on board in sufficient quantities. Annual cost benefits for all shipyards of \$400,000 were estimated for this feature.

(2) Use of the "single shop" concept to order stock items also used by other shop stores in order to reduce procurement transactions. Annual cost benefits for all shipyards of \$2,000,000 were estimated for this feature.

d. CASDO developed and released computer programs that provide a link between Production, Planning and Control files and Industrial Material Control files in order to:

(1) Transmit new production scheduling dates produced by Production Control programs or PERT/CPM schedules to the Industrial Material Control files.

2. Shipyard MIS System and Design.

a. CASDO provided technical support to the Management Information System Executive Group (MISEG) in performing a review of the information products of the Shipyard MIS. The Executive Group consisted of five senior Naval Officers selected by NAVSHIPS from Naval Shipyard Management.

b. The MISEG review, as supported by CASDO, resulted in the following developments or revisions to the Shipyard MIS system:

(1) Financial Subsystem

(a) Payroll Application

A standard Payroll application was developed under CASDO guidance that replaced three distinct pseudo-standard applications and incorporated the Coordinated Federal Wage System. This standard application, simplifying maintenance and control, was installed at MIS shipyards during 1970.

The MIS standard Payroll application programs were modified to incorporate Environmental Pay Requirements in accordance with Federal Personnel Manual Supplement 532-1.

CASDO developed a completely revised Payroll Application Manual for issuance to all Naval Shipyards.

(b) Cost Application

During 1970, a major design modification and a new system approach to the file concepts governing the Cost Application was completed by the joint effort of the Mare Island and Philadelphia Naval Shipyards under the technical direction of CASDO. This major change is expected to result in the recovery of over 60 computer hours per month in a typical shipyard, with simplified production of many essential production control reports and records. Attachment (3) provides an amplification of the scope of this task. The application was placed in full production after comprehensive tests at the Philadelphia Naval Shipyard in October 1970. Other MIS shipyards are scheduled to implement the change during 1971.

(2) Material Subsystem

(a) CASDO continued to provide technical support to MISEG for the following Material Application areas:

1. Development of a standard Material Accounts Payable and Billing Application.
2. Consolidation of selected Material Control Application Reports.
3. Publication of Certified Material Subsystem reports in a NAVSHIPS User's Manual Supplement.
4. Development of specifications and programming assignments for producing the certified reports. Monitoring progress and reviewing test results to meet standards.
5. Development of a standard Job Material List to meet Planning and Production requirements and to provide the Data Elements specified by the Material Control Application and Naval Supply System.

(3) Industrial Subsystem.

During 1970 CASDO, under the direction of MISEG, continued the development and implementation of a comprehensive plan of action designed in three major phases to bring about a product orientation of the Shipyard MIS. Phase I, completed during 1970, redesigned PPC/COST file concepts producing an independent Industrial Production Control file identified as PROFILE. PROFILE provides production control data, exclusive of COST information, greatly reducing file size. The independent PROFILE data is used to provide MIS shipyards with the production control program run frequencies desired by management. The extensive planning required for Phase II and III was also completed by CASDO during 1970. A management level explanation of these advanced concepts is provided by Attachment (3).

3. Acquisition Management.

a. Computer Hardware - CASDO personnel, in conjunction with the Department of the Navy Automatic Data Processing Equipment Selection Office (DON ADPESO), developed the specifications for replacement computers for the ten naval shipyards in support of the Shipyard Management Information System. As a result of this effort, in June of 1970, an informal release of the specifications was made to the ADP industry to elicit informal industry comments and measure reactions to specific requirements. On the basis of this, the specification was refined and the formal Request for Proposal was released in December 1970, by the DON ADPE Selection Office as ADPESO Project 002-69 "Computer Acquisition for Naval Ship Systems Command". Response from the industry has been very favorable from a broad spectrum of potential suppliers.

b. Personnel losses and recruitment - During 1970, CASDO maintained its on-board personnel at the levels indicated by Attachment (1). Personnel losses and gains were as follows:

<u>Losses</u>					
	<u>Retirements</u>	<u>Resignations</u>	<u>Transfers</u>	<u>RIF's</u>	<u>Total</u>
Analysts	1	1	1		3
Analyst Trainees	1	4			5
Programmers	1		1		2
Programmer Trainees		1		1	2
Computer Aids & Clerical		11			11
TOTALS	3	17	2	1	23

<u>Gains</u>				
	<u>Recruitments</u>	<u>Transfers In</u>	<u>RIF Transfers</u>	<u>Total</u>
Analysts		2		2
Analysts Trainees				
Programmers				
Programmer Trainees	1			1
Computer Aids	3		4	7
Computer Operator		1		1
Clerical	9	2		11
Computer Technician	1			1
TOTALS	14	5	4	23

CASDO continued to experience difficulty in recruiting, training, and retaining personnel with the talent and experience required to maintain and improve a major complex of industrially oriented computer applications.

c. Contract Awards.

(1) Training Aids

During 1970 CASDO, under the direction of MISEG studied an unsolicited proposal from a qualified contractor to develop a comprehensive training course for shipyard personnel in the correct use of Shipyard MIS and its products. The proposal was based upon experience gained by the contractor in developing a User's Manual for Shipyard MIS. The contractor under the guidance of CASDO and with the approval of NAVSHIPS proceeded with the development of the training course. A Cost Benefits analysis submitted by the contractor indicated substantial cost avoidance savings for each shipyard.

d. PERT/CPM Redesign.

Based upon a contract completed in October 1969 with McDonnell Douglas Corporation for a redesign of PERT/CPM computer programs for third generation equipment, CASDO proceeded "in-house" to conduct a detailed analysis, development of control software, and programming of the new design. The in-house accomplishment will provide a substantial direct savings for the Navy. The assignment of highly qualified CASDO personnel to the task necessitated increased emphasis on the development of work specifications for assignment of other CASDO work to the shipyards. The development and assignment of work specifications continued throughout the year.

e. Numerically Controlled Machine Tool Software Support.

During 1970, CASDO encouraged the shipyards to lease remote terminals for communication with computers equipped with Automatically Programmed Tool (APT) capabilities and/or programs. Leasing costs were substantially reduced whenever shipyards provided their own software. CASDO assisted the shipyards in locating and procuring this software by contacting all available sources including the manufacturers, "IIT" Research Institute, and the National Security Industrial Association (NSIA) Survey. In addition, CASDO initiated a software exchange program with the Army Material Command and the Naval Air Rework Facilities participating in the effort.

4. Direct Logistic and Maintenance Support of Shipyard MIS.

a. Modernization and Upgrading of the Shipyard Management Information System.

(1) Reorientation of MIS to meet Shipyard Production Requirements.

(a) During 1970, MISEG, supported by CASDO, continued an intensive review of the products of the MIS to ensure that the principal thrust of the system redesign was to fulfill shipyard objectives in meeting production schedules and in adhering to quality standards at the least possible cost. The reorientation took the form of a major data file redesign. Cost and Production Control records were segregated into two files, thereby providing better access to production data.

(b) Additionally, the groundwork was laid for the use of a production-oriented Industrial Control Number, improving job coordination, work identification and control, but maintaining a direct relationship to cost accounting and appropriation accounting numbering systems. The concepts of the file design and the objectives of the systems approach are further described by Attachment (3).

(c) CASDO also provided the system modifications necessary to control Government Furnished and Ships Force Material with the Shipyard MIS eliminating the need for additional programs thereby providing material information that is correlated to NIF Material orders and work packages.

(d) Additionally, CASDO provided the coding and procedural instructions necessary to control Ships Force Manpower as well as material in the Shipyard MIS Production Control applications.

(e) Following product specifications and project definitions developed by CASDO, Charleston Naval Shipyard completed the detailed analysis, programming and testing of Material Control Application programs to incorporate all of the report and product modifications directed by MISEG during the Material Subsystem review.

b. Maintenance of the MIS System.

(1) During 1970, CASDO continued to issue a number of MIS program modifications designed to make essential improvements to the MIS system, changes to reflect requirements imposed by higher authority or corrections for known deficiencies. CASDO documented the change requirements in the form of a CASDO Project Definition. Where necessary, the Project Definition was amplified in detail as to procedures and product requirements in the form of a CASDO Specification. Assignments were made for accomplishment

of detailed analysis, programming and testing to the naval shipyards. CASDO monitored the progress of work, provided technical guidance and reviewed the products prior to making releases. The following releases were made during 1970:

(a) Financial Subsystem. Six major program revisions were released to the shipyards during 1970, as follows:

1. Edition 08, Modification 2 (12 February 1970)
Edition 08, Modification 3 (27 March 1970)
Edition 08, Modification 5 (12 June 1970)

These editions revised the Payroll application in such areas as conversion to new State Tax Tables, conformance to changes in the Coordinated Federal Wage System (CFWS), and acceleration of overtime and holiday pay.

2. Edition 09 was released 14 July 1970 and provided for the discontinuance of Freedom Notes.

3. Edition 01 was released 31 December 1970, and implemented the FA/FV/PC System, Phase I. This change eliminated the consolidated PPC/COST Master File and established independent master files for the Financial and Industrial Subsystems. The system change was the first major step in the design of an effective product-oriented Shipyard MIS.

(b) Material Subsystem. CASDO continued to support MISEG and the maintenance of Shipyard MIS in the Material area by issuing the following improvements and modifications in the form of Material Function Editions:

1. Combined two Material Control (MC) master files, simplifying maintenance of the application and improving computer run time and control.

2. Completed nine CASDO Projects established by NAVSHIPS or as requested by Shipyards and authorized by MISEG.

3. Provided improvements to eight MC programs and furnished a conversion program for use by the shipyards to make the necessary revision.

a. On 27 May 1970, Charleston Naval Shipyard was assigned the task of documentation and programming for the Material Accounts Payable and Billing Reconciliation Application.

b. In October 1970, Mare Island and Hunters Point Naval Shipyards implemented the Shop Store Application.

c. 2 December 1970, was the release date of Material Function Edition 08, Modification 1. It provided the following benefits:

(1). Created the new COST interface required by the COST Application, which provides the value of commitments and the direct material inventory.

(2). Completed 10 CASDO Projects established by NAVSHIPS or as requested by the shipyards and authorized by MISEG.

(3). Provided improvements for seven MC programs.

During 1970, Material subsystem efforts were mainly devoted to developing assignments to change the MC Applications to implement MISEG certified reports in the shipyard. In this effort, the Material subsystem assigned 68 CASDO Project Definition sheets to Charleston Naval Shipyard.

(c) Industrial Subsystem.

(1) On 3 March 1970, Industrial Function Edition 10 was released. This provided a new report, PS-835F, "PERT/CPM Schedule Date Job Order Reports by Shop". This report gives production shops the capability of controlling Key Operation Start and Completion Dates by Job Order.

(2) During 1970, a product-oriented system was developed. As previously described, the PPC/COST Master File is replaced by a Cost Master File and Production Master File (PROFILE). This permits use of a work-oriented numbering system, product-oriented reports and provides reduced processing and extract time. Philadelphia Naval Shipyard has implemented a new system and all other shipyards will follow suit by 1 June 1971.

(3) The Industrial subsystem also developed an on-request reporting system which expands reporting options, reduces turn-around time, alleviates program congestion, and provides additional validation of critical Shipyard MIS data elements. As informational demands increase, the system can be program supplemented. Currently implemented at the Philadelphia Naval Shipyard, the system will be implemented at all shipyards by 1 July 1971.

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4. Industrial Function Edition 11,
Modification 01 was released 5 November 1970. This modified Philadelphia's local program XM-961 to replace Shipyard MIS program XM-901. This reduces the running time of program PC-205 by eliminating the rewind/search time formerly required.

5. MIS System Engineering, Technology and Redesign.

Not Applicable

6. Industrial Resources Development and Management.

a. Shipyard Modernization

(1) Reorientation of MIS. The substantial progress made during 1970 toward reorientation of MIS to more directly support the productive effort also served to improve the MIS system design and products in anticipation of conversion to third generation computer equipment. The acquisition of a third generation computer was planned to replace aging equipment, to avoid production delays and to supply modern hardware to support an improved information system designed to meet production's future needs.

(2) Acquisition of Third Generation Computer Hardware. The following objectives will be met by the computer(s) acquired through this request for proposal (RFP):

(a) Improvement in system responsiveness and throughput in order to manage adequately the present data processing workload.

(b) Provision of sufficient capacity and capability to manage the near term growth of the data processing workload, plus sufficient expandability and flexibility to incorporate expansions and additions to the present Shipyard MIS.

b. Numerically Controlled Machine Tools Software and Program Support. During 1970, CASDO developed and documented a plan for numerical control (N/C) Tool Support for the naval shipyards under MIS. Questionnaires developed by CASDO and evaluated by Mare Island Naval Shipyard were used to determine the current status of each N/C tool. They revealed the software status, the current N/C system used, identification of machine tools nomenclature, and machine options. The replies were evaluated and catalogued providing a comprehensive view of existing conditions.

CASDO also developed a knowledge of N/C tool capabilities by vendors and accumulated a library of programming and software manuals for each type of N/C machine tool. In addition, CASDO coordinated APT training and distributed APT documentation to the shipyards.

7. Interservice Logistics.

MISEG has authorized the design of a stock numbering system for non-standard materials that permits interchange of material availability information between shipyards, and automatic screening for tentative availability. Requisitions that match stock records on the basis of the new stock number may be reviewed by full description for technical specifications and suitability for use. The automatic match greatly reduces the labor of screening requisitions in volume and can provide management with the assurance that residual or excess stocks are regularly screened and all possible material placed in profitable use. The system can provide for the reporting of non-standard material items by manufacturers' numbers to DLSC for provision of cross reference information and/or standard stock numbers.

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8. Mobilization, Emergency Readiness, and Actions.

Not applicable.

9. Management and Administrative.

a. CASDO Project Definitions and Product Specifications.

(1) CASDO Project Definitions for 1970 were prepared, recorded, and issued as follows:

<u>CPD's</u>	<u>Control</u>	<u>Financial</u>	<u>Industrial</u>	<u>Material</u>	<u>Total</u>
Prepared	21	60	56	123	260
Completed	12	71	29	33	146
Revised	1	1	18	23	43
Cancelled	9	24	31	15	79

CASDO Project Definitions record improvements, corrections or modifications originating from MIS System Users and Management are subject to review by CASDO, NAVSHIPS and MISEG.

(2) During 1970, CASDO continued the development of program and product specifications to amplify tasks initially recorded on CASDO Project Definitions. A total of fifty-eight specifications were prepared and released by CASDO. The specifications provided the authorization to accomplish work, a definition of the task and a description of the product desired. In most cases the specifications were assigned to the naval shipyards for accomplishment.

b. Development of Standards, Technical Specifications and Instructions.

(1) Standards. CASDO continued the development of standards governing CASDO products. CASDO Standard 003 "Standard for Preparing a Project Scheduling Network" was written to provide a basis for project estimates, to assist management in establishing completion dates, and to monitor the progress of CASDO assigned projects. CASDO Standard 004 "Shipyard MIS Standard for System Documentation" was developed to provide a uniform basis for the MIS System Documentation.

(2) Technical Specifications. During 1970 a major revision was undertaken of CASDO Technical Specification for SHIPYARD MIS Univac III COBOL Programs. This specification updated the requirement for producing uniform Univac III COBOL programs which are compatible with existing MIS programs and operating practices. The Director of CASDO continued to emphasize the need for development of technical specifications and standards to provide guidance for preparation of documentation, the control of work, the writing of programs, the meeting of quality levels and the preparation of standard work packages governing the issuance of MIS system program changes.

(3) Instructions. Two instructions were issued during 1970. These were: (1) the Issuance of Personal Protective Equipment to Temporary Users and (2) the Preparation of Specifications.

(4) Procedures. Four changes to the Internal Procedures Manual were issued. Change thirteen concerned the "Issue, Maintenance, and Control of Equipment". Change fourteen is "Quality Assurance". Change fifteen concerns Data Element Standardization, and change seventeen provides detailed instructions for the assignment of designators for use in computer programs.

c. Task Assignments to the Shipyards.

Assignments are made to Shipyards in accordance with NAVSHIPS Instruction 5260.1 issued in June 1970.

d. Personnel Development.

(1) Training of CASDO Personnel.

In 1970 CASDO sponsored training gave employees the opportunity to improve their skills in such areas as: Systems Technology, Economic Investment Analysis, Project Management and Communication Systems. Approximately 190 training nominations were approved for an approximate cost of \$13,500. Employees also took advantage of numerous no cost vendor courses such as training on the MT/ST typewriters and "Introduction to Data Processing".

(2) Training of Naval Shipyard Personnel.

(a) MIS Documentation.

CASDO continued to produce program books, application manuals, and MIS system charts in support of program changes issued to the shipyards. The documentation contributed substantially to the training of shipyard personnel in the use of MIS.

(b) Technical Support and Guidance.

CASDO also provided replies to inquiries relative to the performance of programs, conversion procedures, interpretation of manuals and operational problems related to the MIS system. The inquiries principally took the form of telephone calls, letters and memos.

(c) Special Training.

CASDO coordinated the training of seventy

APT programmers who attended "IIT" Research Institute in Chicago for Numerically Controlled Machine Tools.

e. Shipyard User Training and Development.

(1) CASDO improved MIS documentation standards for the accumulation of data in the following areas:

- (a) Program/Operator's Run Book
- (b) Designator Catalogue
- (c) File Layout Records

(2) CASDO also developed a standard format for a MIS Users' Manual which will incorporate the following manuals:

- (a) MIS Users' Handbook
- (b) Application Manuals
- (c) Reports Supplement

(3) User training courses were given at the following shipyards to user personnel covering the FV/FA modifications:

Philadelphia	August 1970
Mare Island	November 1970
Hunter's Point	November 1970
Long Beach	December 1970
Norfolk	November 1970
Boston	December 1970

f. Management Improvement.

(1) CASDO also conducted the following management level courses during 1970:

- (a) DODCI course in Washington, D. C. - January 1970.
- (b) DODCI course at Mare Island and Hunter's Point Naval Shipyard - September 1970.
- (c) AMA course given in CASDO to management personnel - December 1970.

Eff. 31 Dec 1970

DIRECTOR, CASDO CODE 1900

<u>NAME</u>	<u>POSITION</u>	<u>POS. NO.</u>	<u>GRADE</u>
E. T. Antkowiak (b) (6)	Supervisory Computer Systems Analyst	26125	GS-334-15
S. Picard (b) (6)	Secretary (Stenography)	69-118	GS-318-05

ADMINISTRATIVE STAFF CODE 1901

B. E. Levine (b) (6)	Administrative Officer	69-190	GS-341-07
N. J. D'Avolio (b) (6)	Clerk-Typist (library & supplies)	70-103	GS-322-03
H. Emanoil (b) (6)	Clerk-Typist (mail & files)	70-104	GS-322-03
J. Montone (b) (6)	Clerk-Typist (travel)	70-102	GS-322-03

PROGRAM CONTROL DIVISION CODE 1910

W. W. Clark (b) (6)	Supervisory Computer Specialist	67-101	GS-334-14
D. Bubier (b) (6)	Clerk-Stenographer	69-102	GS-312-04
Vacant	Computer Systems Analyst	69-11503	GS-334-05
Vacant	Computer Systems Analyst	69-11504	GS-334-05
Vacant	Computer Programmer	65-12808	GS-334-05

COMPUTER TECHNOLOGY BRANCH CODE 1912

T. Rice (b) (6)	Supervisory Computer Specialist	67-137	GS-334-13
R. Fridgen (b) (6)	Computer Specialist	67-136	GS-334-12
F. Ryan (b) (6)	Computer Specialist	67-13601	GS-334-12
J. Muro (b) (6)	Computer Specialist	67-13603	GS-334-12
B. Eastman (b) (6)	Computer Specialist	68-150	GS-334-11
Vacant	Computer Specialist	68-15001	GS-334-11
B. Geller	Computer Programmer	67-161	GS-334-11
Vacant	Computer Specialist	69-100	GS-334-09
J. Murphy	Computer Systems Analyst	69-11501	GS-334-05

SYSTEMS PLANNING BRANCH CODE 1914

<u>NAME</u>	<u>POSITION</u>	<u>POS. NO.</u>	<u>GRADE</u>
E. Donnelly (b) (6)	Supervisory Computer Systems Analyst	67-119	GS-334-13
Vacant	Computer Systems Analyst	67-139	GS-334-12
H. Cocca (b) (6)	Computer Systems Analyst	67-13901	GS-334-12
Vacant	Computer Systems Analyst	67-13902	GS-334-12
Vacant	Computer Systems Analyst	67-13903	GS-334-12
W. Kelly (b) (6)	Computer Systems Analyst	67-13904	GS-334-12
M. Levine	Computer Systems Analyst	67-13905	GS-334-12
N. Mirabile (b) (6)	Computer Systems Analyst	67-13906	GS-334-12
J. Stone (b) (6)	Computer Systems Analyst	67-13907	GS-334-12
J. Scurka	Computer Systems Analyst	67-13908	GS-334-12
J. Shirley	Industrial Engineer	68-160	GS-896-12
A. Diomedes	Computer Specialist	67-13602	GS-334-12
P. Sechoka	Computer Programmer	67-172	GS-334-09
T. Southwick (b) (6)	Computer Systems Analyst	65-13010	GS-334-07

CONTROL AND SCHEDULING BRANCH CODE 1916

<u>NAME</u>	<u>POSITION</u>	<u>POS. NO.</u>	<u>GRADE</u>
A. Douglas (b) (6)	Supervisory Computer Specialist	69-119	GS-334-13

STANDARDS AND PROCEDURES SECTION CODE 1916A

R. Pizzano (b) (6)	Supervisory Computer Systems Analyst	69-120	GS-334-12
I. Hechler (b) (6)	Computer Systems Analyst	67-174	GS-334-11
Vacant (Under recruitment)	Employee Development Specialist	69-121	GS-235-11
J. Stevenson (b) (6)	Computer Systems Analyst	69-122	GS-334-11
M. Faria (b) (6)	Computer Systems Analyst	65-13001	GS-334-07

WORKLOAD MONITORING SECTION CODE 1916B

K. McNeely (b) (6)	Supervisory Computer Systems Analyst	69-126	GS-334-12
R. Vasquez (b) (6)	Computer Systems Analyst	69-127	GS-334-11
Vacant (Under recruitment)	Computer Technician	69-128	GS-334-08
P. Wooster (b) (6)	Computer Aid	69-129	GS-335-03
J. Kenefick (b) (6)	Computer Aid	69-130	GS-335-03
J. G. Murray (b) (6)	Computer Aid	69-13001	GS-335-03
C. J. Tobin (b) (6)	Computer Aid	69-13002	GS-335-03
M. Fuller (b) (6)	Clerk-Typist (MT/ST)	68-18803	GS-322-03
Vacant (Under recruitment)	Clerk-Typist (MT/ST)	68-18802	GS-322-03
S. Owens (b) (6)	Clerk-Typist (MT/ST)	68-18801	GS-322-03

COMPUTER OPERATIONS SECTION CODE 1916C

Vacant	Supervisory Computer Operator	69-132	GS-332-10
K. Knotts (b) (6)	Computer Operator	67-150	GS-332-09
C. Gross (b) (6)	Computer Operator	68-189	GS-332-08
Vacant	Computer Operator	67-15101	GS-332-07
Vacant (Under recruitment)	Computer Technician	69-133	GS-335-07
M. Boulay (b) (6)	Computer Technician	69-134	GS-335-05
K. Usher (b) (6)	Computer Aid (card punch)	69-116	GS-335-04
P. McKenna (b) (6)	Peripheral Computer Equipment Operator	69-117	GS-332-04
R. Hanley (b) (6)	Computer Aid	66-101	GS-335-03

FINANCIAL APPLICATIONS DIVISION CODE 1920

<u>NAME</u>	<u>POSITION</u>	<u>POS. NO.</u>	<u>GRADE</u>
D. Russell (b) (6)	Supervisory Computer Systems Analyst	67-115	GS-334-14
P. Stone	Clerk-Stenographer	70-100	GS-334-04

FINANCIAL ANALYSIS BRANCH CODE 1925

E. Lamprey (b) (6)	Supervisory Computer Systems Analyst	67-120	GS-334-13
V. Ciaccio	Computer Systems Analyst	67-134	GS-334-12
T. Connor	Computer Systems Analyst	67-135	GS-334-12
A. Cairra	Computer Systems Analyst	67-180	GS-334-11
P. Todisco	Computer Systems Analyst	67-18001	GS-334-11
M. Tamsett	Computer Systems Analyst	67-18002	GS-334-11
G. Schena	Computer Systems Analyst	67-18003	GS-334-11
Vacant	Computer Systems Analyst	67-17401	GS-334-11
Vacant	Computer Systems Analyst	67-17402	GS-334-11
Vacant	Computer Systems Analyst	67-157	GS-334-09
Vacant	Computer Systems Analyst	67-15701	GS-334-09
Vacant	Computer Systems Analyst	67-156	GS-334-09
A. Smith (b) (6)	Computer Systems Analyst	69-115	GS-334-05

PAYROLL PROGRAMMING CODE 1930

M. Moody (b) (6)	Supervisory Computer Programmer	67-141	GS-334-12
A. Catinella (b) (6)	Computer Programmer	67-163	GS-334-11
Vacant	Computer Programmer	67-16301	GS-334-11
Vacant	Computer Programmer	67-16302	GS-334-11
J. McMichael (b) (6)	Computer Programmer	67-16305	GS-334-11
R. Morante	Computer Programmer	67-171	GS-334-09
Vacant	Computer Programmer	67-17101	GS-334-09
J. McDermott (b) (6)	Computer Programmer	67-17102	GS-334-09
D. Harrington	Computer Programmer	67-12702	GS-334-07

COST ACCOUNTING PROGRAMMING BRANCH CODE 1935

<u>NAME</u>	<u>POSITION</u>	<u>POS. NO.</u>	<u>GRADE</u>
Vacant	Supervisory Computer Programmer	67-142	GS-334-12
S. Young (b) (6)	Computer Programmer	67-164	GS-334-11
Vacant	Computer Programmer	67-16401	GS-334-11
H. Mesrobian (b) (6)	Computer Programmer	67-17202	GS-334-09
D. Swanson	Computer Programmer	67-17203	GS-334-09
Vacant	Computer Programmer	65-12706	GS-334-07
J. Sullivan	Computer Programmer	65-12703	GS-334-07

MATERIAL APPLICATIONS DIVISION CODE 1940

W. C. Daisley (b) (6)	Supervisory Computer Systems Analyst	67-117	GS-334-14
D. Caramanica	Clerk-Stenographer	68-174	GS-312-03

MATERIAL ANALYSIS BRANCH CODE 1945

R. N. Principato (b) (6)	Supervisory Computer Systems Analyst	67-121	GS-334-13
G. Allen (b) (6)	Computer Systems Analyst	67-133	GS-334-12
W. Nickerson (b) (6)	Computer Systems Analyst	67-132	GS-334-12
R. Deford (b) (6)	Computer Systems Analyst	67-152	GS-334-11
Vacant	Computer Systems Analyst	67-15201	GS-334-11
I. Grossman (b) (6)	Computer Systems Analyst	67-153	GS-334-11
P. McDonough	Computer Systems Analyst	67-158	GS-334-09
T. Spellane	Computer Systems Analyst	67-159	GS-334-09
F. Botta (b) (6)	Computer Systems Analyst	67-15802	GS-334-09
H. Raphael	Computer Systems Analyst	67-15801	GS-334-09

SHOP STORES PROGRAMMING BRANCH CODE 1950

J. Massa (b) (6)	Supervisory Computer Programmer	67-143	GS-334-12
Vacant	Computer Programmer	67-165	GS-334-11
Vacant	Computer Programmer	67-167	GS-334-09
T. McCue (b) (6)	Computer Programmer	67-16701	GS-334-09
A. Chagaris (b) (6)	Computer Programmer	65-12714	GS-334-07

DMI PROGRAMMING BRANCH CODE 1955

<u>NAME</u>	<u>POSITION</u>	<u>POS. NO.</u>	<u>GRADE</u>
Vacant	Supervisory Computer Programmer	67-144	GS-334-12
Vacant	Computer Programmer	67-166	GS-334-11
H. Stone (b) (6)	Computer Programmer	67-16601	GS-334-11
W. Gallagher (b) (6)	Computer Programmer	67-168	GS-334-09
H. Glickman	Computer Programmer	67-16801	GS-334-09
S. Seymour	Computer Programmer	65-12704	GS-334-07
R. Langley	Computer Programmer	65-12809	GS-334-05
Vacant	Computer Aid	69-101	GS-335-04

INDUSTRIAL APPLICATIONS DIVISION CODE 1960

E. J. Connolly (b) (6)	Supervisory Computer Systems Analyst	67-116	GS-334-14
M. Salerno (b) (6)	Clerk-Stenographer	70-101	GS-312-03

INDUSTRIAL ANALYSIS BRANCH CODE 1965

W. Neale (b) (6)	Supervisory Computer Systems Analyst	67-122	GS-334-13
R. Hoffman	Computer Systems Analyst	67-131	GS-334-12
G. Melaugh	Computer Systems Analyst	67-130	GS-334-12
F. Usher (b) (6)	Computer Systems Analyst	67-13001	GS-334-12
Vacant	Computer Systems Analyst	67-148	GS-334-11
R. Hutchinson (b) (6)	Computer Systems Analyst	67-149	GS-334-11
G. LeBranti	Computer Systems Analyst	67-14901	GS-334-11
C. McKenzie	Computer Systems Analyst	67-14902	GS-334-11
M. O'Connell	Computer Systems Analyst	67-14904	GS-334-11
Vacant	Computer Systems Analyst	67-155	GS-334-09
Vacant	Computer Systems Analyst	67-15501	GS-334-09
Vacant	Computer Systems Analyst	67-154	GS-334-09
J. Evans (b) (6)	Computer Systems Analyst	67-15402	GS-334-09
M. Mastrocola (b) (6)	Computer Systems Analyst	67-15502	GS-334-09
D. Riley (b) (6)	Computer Systems Analyst	67-15401	GS-334-09
S. Seaberg	Computer Systems Analyst	65-13009	GS-334-07
C. Santangelo (b) (6)	Computer Systems Analyst	65-13007	GS-334-07

PP & C PROGRAMMING BRANCH CODE 1970

<u>NAME</u>	<u>POSITION</u>	<u>POS. NO.</u>	<u>GRADE</u>
J. Needham (b) (6)	Supervisory Computer Programmer	67-145	GS-334-12
F. Aiello	Computer Programmer	67-16101	GS-334-11
J. Dumont	Computer Programmer	67-169	GS-334-09
G. Rutledge	Computer Programmer	65-12707	GS-334-07

PRODUCTION AND WORKLOAD PROGRAMMING BRANCH CODE 1975

Vacant	Supervisory Computer Programmer	67-146	GS-334-12
Vacant	Computer Programmer	67-162	GS-334-11
Vacant	Computer Programmer	67-16201	GS-334-11
Vacant	Computer Programmer	67-170	GS-334-09
J. Valade (b) (6)	Computer Programmer	67-17001	GS-334-09
R. Foley	Computer Programmer	65-12708	GS-334-07
Vacant	Computer Programmer	65-12801	GS-334-05

MISEG STAFF SECRETARY CODE 1998

H. Edwards (b) (6)	Digital Computer Systems Administrator	68-175	GS-330-13
Vacant (Under recruitment)	Clerk-Typist	69-135	GS-322-03

Office of Planning and Engineering
for Repairs and Alterations
to Anti-Submarine Warfare Ships

PERA(ASW)

History for Calendar Year 1970

- I. Chronology of Highlights
- II. Organization and Relationships
- III. Operations
 - A. Ship Systems Design and Engineering
 - B. Logistic Support of the Fleet
 - 1. Planning for Regular Overhauls
 - 2. Distillate Fuel Conversion Program
 - 3. Communications Improvements
 - 4. Helicopter Operations and Support Facilities
 - 5. Integrated Ship's Force/Shipyard Overhaul Work Schedules
- IV. PERA Standardization

I. Chronology of Highlights

1970

- 27 Jan Meeting with ComCruDesLant; agreement reached on application of proposed integrated ship's force/shipyard overhaul work schedule to USS VOGE (DE-1047) overhaul at Boston, scheduled for August 1970.
- 24 Feb Fact finding visit by Mr. D. Shycoff, OSD.
- 26 Feb Completed briefings of activities expected to be affected by PERA(ASW). Briefing dates were:
- | | |
|-------------------------------|-------------|
| Charleston Naval Shipyard | 26 Feb 1970 |
| ComCruDesLant | 27 Jan 1970 |
| Long Beach Naval Shipyard | 15 Jan 1970 |
| ComCruDesPac | 14 Jan 1970 |
| Norfolk Naval Shipyard | 9 Dec 1969 |
| Pearl Harbor Naval Shipyard | 20 Nov 1969 |
| Mare Island Naval Shipyard | 18 Nov 1969 |
| Hunter's Point Naval Shipyard | 17 Nov 1969 |
- 4 Mar Distillate Fuel Conversion Task assigned.
- 8 Mar PERA(ASW) established as a separate Office.
- 9 Mar Moved from Building 39 to new quarters in Building 149.
- 23 Mar NavShips letter ser 270-423 invoked PERA planning for all ASW ship overhauls in FY72.
- 28 May NavShips Instruction 5430.79B, "PERA Objectives and Responsibilities", issued.
- 18 Jun NavShips letter ser 798-423 assigned task for preparation of Chapter 9, "Active Fleet Ships", of the NavShips Configuration Management Manual.
- 28 Jun Position of Head, Engineering Division, filled by Mr. T. N. Kasemeotes.
- 11 Aug NavShips letter ser 1251-423 assigned task for study and consolidation of Type Commanders' repetitive work items.
- 29 Sep PERA(ASW) letter ser 789 assigned second application of integrated schedule to Long Beach for USS JOHN PAUL JONES overhaul.
- 1 Oct Comprehensive program review conducted by CAPT R. Holman, SHIPS 423.
- 22 Oct Helicopter operation and support facilities task assigned.
- 6 Nov NavShips Instruction 5450.147A, "PERA Charter" (revised) issued.

II. Organization and Relationships

1. At the start of 1970, PERA(ASW) was a Division of the Boston Naval Shipyard Planning Department, chartered by NavShips Instruction 4710.12 (of 11 October 1968), and constituted as follows:

Superintendent: CDR R. Gardner (collateral to primary duty as Design Superintendent)

Chief Engineer: Mr. M. I. Morrill

Total Civilian Personnel: 14.

2. In accordance with a revised Charter, NavShips Instruction 5450.147, applicable to all PERAs, PERA(ASW) was reconstituted as a separate Office at the Shipyard on 8 March 1970. The "Commissioning Crew" was:

CDR R. Gardner

Mr. M. I. Morrill

Mr. J. A. Tirrell

Mr. R. G. Lorenzo

Mr. R. B. Manning

Mr. T. J. Hussey

Mr. P. E. Parr

Mr. J. G. Saliba

Mr. J. E. Stevens

Mr. J. G. Queeney

Director

Chief Engineer

Head, Support Division

Program Manager, Destroyer Escorts

Program Manager, Destroyers

Engineering Division

Mr. A. A. Krueger

Mr. W. C. Rumson

Mr. L. M. Scott

Mr. G. A. Tashjian

Mr. V. D. Torre

Support Division

Mr. R. S. Foshay

Mrs. Patricia A. Marchionni

Mr. J. F. Miley

3. During the remainder of the year, 16 additional civilian personnel came on board, including Mr. T. N. Kasemeotes as Head of the Engineering Division. At the end of the year, there were 32 civilians, organized as shown in figure 1.

4. BuPers Orders 065118 of 23 April 1970 assigned the Director, CDR Gardner, to additional duty in NavShips in connection with PERA matters.

5. NavShips Instruction 5430.79B, issued on 28 May 1970, updated the PERA concepts and objectives, redefined the relationships of the NavShips Directorates with the PERAs, and established the concept of a separate PERA ceiling within the parent shipyard's ceiling.

6. An updated charter, NavShips Instruction 5450.147A, issued on 6 November 1970, redefined the authority and responsibilities of the PERAs and was the effective governing document at the end of the year. Attachment 1 is a copy of this charter.

III. Operations

A. Ship Systems Design and Engineering.

In accordance with NavShips Instruction 4720.6E and 4720.16A, PERA produces Scopes for all proposed alterations to ASW ships. Thus the basic engineering for all improvements to ASW ships flows through PERA, for review not only of the engineering itself but for standardization and for compatibility with the long range plan for the ships. During 1970, PERA submitted 70 Scopes to NavShips, covering such diverse improvements as replacement of low pressure air compressors, installation of expendable bathythermograph facilities, installation of improved electronics countermeasures equipment, application of work studies to communications spaces, and new paint lockers.

Scoping is performed in Mr. Kasemeotes' Engineering Division, under the direction of Messrs. Krueger, Rumson, Saliba, Scott, and Parr.

B. Logistic Support of the Fleet.

1. Planning for Regular Overhauls.

The PERA(ASW) milestones for planning the alteration portion of ASW ship regular overhauls are shown in figure 2.

Twelve FY71 ASW ship overhauls were selected for PERA planning; these were intended to provide a spread of ship classes and overhaul yards, with a similar comparison overhaul not being planned by PERA, where possible. Although the schedules for these ships did not leave time for execution of the milestones on the normal timetable, the decision was made to proceed on an accelerated schedule in order to gain experience as quickly as possible. NavShips authorization of this effort was in letter 423/ ser 1403 of 11 August 1969.

The overhaul schedule instabilities characteristic of 1970 prevented effective planning of most of these ships, but the objective of gaining experience was satisfied. The planning effort for these ships is summarized in figure 3.

In NavShips letter 270-423 of 23 March 1970, PERA planning was authorized for all ASW ships scheduled for regular overhaul in FY72. Although continued schedule instability and reduced alteration packages have led to a subsequent decision not to produce PERA work packages for FRAM destroyers, at year's end, planning was in process for the following ships:

DE 1037, 1040, 1041, 1043, 1044, 1051, 1052
DEG 3
AGDE 1
DD 931, 933, 951

A feature of the PERA planning sequence is a visit by PERA engineers to each ship as it enters the sequence, approximately 20 months before

MAJOR PERA (ASW) MILESTONES

	<u>Months before Overhaul Start</u>
1. Task preparation of basic alteration class drawings, as required. (1st time ShipAlts)	22
2. Review basic alteration class drawings to assure intent of ShipAlt is carried out.	17
3. PERA (ASW) visit to ship for ShipAlt status verification; FMP review.	20
4. Task preparation of Alteration Work Requirements (AWR's)	18
5. Review Long Lead Time Material requirements and initiate actions as required.	13
6. PERA (ASW) review and approve AWR's.	13
7. Complete Overhaul Work Package.	9
8. Task preparation of Supplemental Alteration Drawings.	8
9. NAVSHIPS review Overhaul Work Package and issue 180 Day Letter.	6
10. Review selected Supplemental Alteration Drawings to assure intent of ShipAlt is carried out.	3

Figure 2

PERA(ASW) PLANNING FOR SELECTED FY71 OVERHAULS

Ship	Original Start	Revised Start	Milestones Complete										Remarks
			1	2	3	4	5	6	7	8	9	10	
O'HARE DD 889	10-28-70	3-71	x	x	x	x	x	x				x	Package reduced to one alt, for which AWR was submitted.
CECIL DD 835	12-15-70		x	x	x	x							Planning terminated when all alts were cancelled.
N.K.PERRY DD 883	1- 8-71		x	x	x	x							Planning terminated when overhaul was cancelled.
PERRY DD 844	3-12-71												Overhaul cancelled before planning started.
A.J.ISBELL DD 869	2-26-71		x	x	x								Planning terminated when overhaul was cancelled.
B. BASS DD 887	3-8-71		x	x	x								Planning terminated when overhaul was cancelled.
VOGE DE 1047	10-19-70	8-3-70	x	x	x	x	x	x		x		x	Partial package only due early start and change alts (7 of 16 cancelled, 13 more added).
MCCLOY DE 1038	4- 7-71	2-10-71	x	x	x	x				x			Partial package only due interim date change to FY72 and undefined communications alts.
SAMPLE DE 1048	4-15-71	2-15-71	x	x	x	x				x			Partial package only due to early start. AWR review was in process when 180 d ltr was issue
FURER DEG 6	12-1-70	1-6-71	x	x	x	x	x			x			Unable to produce package since ship deployed 2 of 10 alts were cancelled, 15 more added.
BROOKE DEG 1	10-15-70	8-20-70	x	x	x	x				x			As result of interim date change to 4-71, AWR review was in process when 180 d ltr was issue
SCHOFIELD DEG 3	6- 3-71												Start date moved into FY72; planning in process

Figure 3

the scheduled overhaul start. In addition to briefing the ship's force on PERA, the actual status of shipalt accomplishment is checked against that reported in the NavShips report of ShipAlt Completion Status (SACS), and corrected information is fed back to the Type Commander and NavShips. During 1970, 28 ships were checked and 1352 corrections were recommended to SACS. The total installation value of the FMP programmed shipalts found to be complete was \$1,870,000; reprogramming of these funds and termination of planning and material procurement for these completed alterations represent a significant, although unquantifiable, saving.

The individuals principally involved in these ship visits were Messrs. Rumson, Saliba, Hussey, Krueger, Blachuta, Sadwin, Naisuler, Doherty, and Bosworth. The planning sequences were developed and administered by the Program Managers, Messrs. Lorenzo and Manning.

2. Distillate Fuel Conversion Program.

Task assignments to PERA(ASW) in the Distillate Fuel Program are:

- a. NavShips msg 042018Z, Mar 70 - Technical coordination of the ship installation aspects for all conversion ships except aircraft carriers.
- b. NavShips spdltr ser 680-423 of 18 May 1970 - Development of an information package for fleet use.
- c. PERA(ASW) spdltr ser 451 of 15 June 1970 - Revisions to the NavShips Technical Manual (Chapters 9470, 9480, 9510, and 9550) to reflect distillate fuel.

In response to task (a), PERA briefed the affected planning yards and arranged for development of class drawings covering all ships for which pump outlines were available. After PERA technical review of these drawings, the Boston, Philadelphia, Norfolk, Charleston, Long Beach, and Pearl Harbor Naval Shipyards were tasked to verify their validity by actual checks of all ships in port during June 1970. 70 of approximately 160 applicable ships were checked. Concurrently, at least two estimates of installation cost and time were obtained for each class, and these estimates were reconciled.

During this process, PERA reviews identified several areas in which installation and procurement cost savings could be made. At the end of the year, \$303,205 of savings had been audited and approved, and an additional \$240,000 was still in audit.

For task (b), each of the steps required for conversion was identified and detailed instructions were prepared in the Maintenance Requirement Card format of the Navy 3-M system. Specific applicability of these cards to classes of ships was listed in the 3-M Maintenance Index Page format, and the cost and time estimates of task (a) were consolidated on Master Index Pages. Concurrently, the Maintenance

Support Office, Mechanicsburg, was tasked to develop a computer program to accept schedule data entered on the index pages by the Type Commanders and event completion data from specially devised postcards to be distributed to the ships, and to produce monthly reports of progress and status. Concurrence with this method was obtained in meetings with the Atlantic Fleet Type Commanders on 28 July 1970 and the Pacific Fleet Type Commanders on 27 August 1970, and the initial distribution of the material, with explanatory information for the ships, was made in the PERA prepared Volume II of the Distillate Fuel Acquisition Master Plan of 15 October 1970.

The revised NavShips Technical Manual Chapters, task (c) were delivered to NavSec on 13 January 1971.

Additional drawings, information, and updated issues of Volume II of the Master Plan will be developed as more pump outlines become available, and PERA will continue its coordination until the conversions are complete.

Mr. Parr has been the individual responsible for this effort.

3. Communications Improvements.

As a result of an existing NavShips program, work studied communications space arrangements became available for various ASW ship classes. In addition to translating these arrangements into Scopes which defined methods of installation and interface effects, PERA also designed sequenced communication improvement programs which approximated the work studied designs at lower cost and which made the final design achievable in a series of steps which would not require ripout of the previous steps.

Mr. Scott has been the individual responsible for this effort.

4. Helicopter Operations and Support Facilities.

By ShipAlt proposals 423-499-70 of 22 October 1970 and 423-508-70 of 30 November 1970, PERA was assigned the task of defining the actions required for operation and support of manned helicopters on the following classes of ships:

DLG 6, 16, 26	DEG 1	DE 1006, 1021
DLG(N) 25, 35	DD 931, 945	DE 1033, 1037
DE 1040, 1052	CG(N) 9	FRAM DD's

An integrated program of ShipAlt preparation, cost estimation, material location, and shipyard briefings is being pursued. To satisfy urgent ship commitments, travel to define requirements on the spot has been undertaken.

Mr. Hussey has been the individual responsible for this effort.

5. Integrated Ship's Force/Shipyard Overhaul Work Schedules.

In response to the request of both Destroyer Type Commanders, expressed at the conference reported by NavShips letter 0731/5220 ser 700 of 19 November 1969, PERA and the Boston Naval Shipyard developed a method of integrating ship's force and shipyard overhaul work schedules. This method featured adherence to the existing planning timetable for all ship's force and Type Commander actions, use of existing 3-M system documents, use of existing shipyard job order and scheduling formats, and schedule maintenance using the shipyard management information system. A trial implementation was agreed to by ComCruDesLant in a conference on 27 January 1970, and was made in the overhaul of USS VOGUE (DE 1047) which commenced 3 August 1970 at Boston Naval Shipyard. A second implementation was agreed to by ComCruDesPac on 26 August 1970; Long Beach Naval Shipyard was tasked by PERA letter ser 789 of 29 September 1970 to perform this implementation on the overhaul of USS JOHN PAUL JONES (DDG 32) scheduled to start at Long Beach in March 1971.

Mr. V. D. Torre has been the individual responsible for this effort.

IV. PERA Standardization.

1. In support of the NavShips effort to standardize formats and procedures for PERA actions in which more than one PERA transacts business with non-PERA activities, PERA representatives attended the following meetings at NavShips:

14 May 1970

15-17 June 1970

1-3 September 1970

2. In the course of this effort, PERA(ASW) and PERA(AAW) jointly undertook to develop the standard format and description of the Alteration Work Requirement (AWR), the basic document used in definition and cost estimation of shipalt accomplishment. At year's end, this task was approaching completion. Mr. R. B. Manning represented PERA(ASW) in this effort.

ROSTER OF OFFICERS

SHIPYARD COMMANDER'S OFFICE

BURK, Raymond W., CAPT, USN, Shipyard Commander

PLANNING DEPARTMENT

BARONDES, Earl deR., CAPT, USN, Planning Officer

GARDNER, Richmond (N), CDR, USN, Director PERA ASW

STRUVEN, Robert L., CDR, USN, P. & E. Superintendent

BOWLEY, George A., LCDR, USN, Asst. P. & E. Superintendent

BENNETT, Bobby E., LT, USN, Asst. P. & E. Superintendent

COLANGELO, James W., LCDR, USN, Asst. P. & E. Superintendent

HICKOX, Oscar J., Jr., LCDR, USN, Asst. P. & E. Superintendent

BOYLE, Ronald A., LCDR, USN, Design Superintendent

TRUEDELL, William M., LCDR, USN, Combat System Superintendent

WELLS, Richard P., LCDR, USN, Asst. P. & E. Superintendent

MASSA, Lawrence L., LCDR, USN, Asst. Design Superintendent

PRODUCTION DEPARTMENT

LAKEY, Keith G., CAPT, USN, Production Officer

NORRIS, William J., CAPT, USN, Repair Ship Superintendent

TROST, Henry J., LCDR, USN, Asst. Repair Superintendent

WENYON, Leonard J., LCDR, USN, Asst. Repair Superintendent

HARNEY, Walter J., LT, USN, Ship Superintendent

GREEN, Douglas A., LT, USN, Ship Superintendent

KODGER, Herbert E., CWO-4, USN, Ship Superintendent
PLOURDE, Ronald S., CWO-2, USN, Asst. Ship Superintendent
OFFENBERG, Jerome W., LT, USN, Asst. Ship Superintendent
GREGORY, Francis C., LT, USN, Asst. Ship Superintendent
VANDUZER, Roger E., LT, USN, Asst. Ship Superintendent
CALVANO, Charles N., Lt, USN, Docking/Salvage
PAGLIERANI, Ronald J., LTJG, USN, Asst. Ship Superintendent
BECK, William A., CWO-3, USN, Asst. Ship Superintendent
HORTON, Charles O., LT, USN, Asst. Ship Superintendent
ARMSTRONG, Rodger B., CWO-2, USN, Asst. Ship Superintendent
JOHNSON, John H., CWO-2, USN, Asst. Ship Superintendent
KERWIN, James A., CWO-2, USN, Asst. Ship Superintendent
BOWMAN, Robert B., LTJG, USN, Asst. Ship Superintendent
COOPER, David A., ENS, USN, Asst. Ship Superintendent
O'CONNOR, Joseph M., LT, USN, Asst. Ship Superintendent
SPENCE, Herbert (N), Jr., LTJG, USN, Asst. Ship Superintendent

PUBLIC WORKS DEPARTMENT

KALOUPEK, William E., CAPT, CEC, USN, Public Works Officer
HENDRICK, Larry F., LCDR, CEC, USN, Asst. Coord. for Modern
MAC CALL, Bruce L., LCDR, CEC, USN, Asst. Public Works Officer
WADE, Ronald E., LT, CEC, USN, Staff Assistant

SUPPLY DEPARTMENT

WELCH, Gordon E., CAPT, SC, USN, Supply Officer and
First Naval District Supply Officer

HENDERSON, John S., CDR, SC, USN, Asst. Supply Officer

MENEELY, Frank T., LCDR, SC, USN, Control Superintendent

MENARD, Ronald (N), LTJG, SC, USN, Fleet Liaison

HISLOP, Charles E., LT, SC, USN, Asst. Control Superintendent

WROBEL, Eugene A., LCDR, SC, USN, Industrial Mat'l Support

RAE, Allan, LT, SC, USN, Industrial Material Support

MILLER, Kenneth, LCDR, SC, USN, Material Superintendent

HUNEYCUTT, Herbert K., LCDR, SC, USN, Purchase Superintendent

SCHMITT, Thomas W., LT, SC, USN, Asst. Purchase Superintendent

FARREN, John B., LT, SC, USN, Asst. Supply Officer

COMPTROLLER DEPARTMENT

ROBISON, John T., CAPT, SC, USN, Comptroller

MEDICAL DEPARTMENT

O'NEIL, Roger W., CAPT, MC, USN, Medical Officer

ROSENBERG, James W., LT, MC, USN, General Practitioner

ROSTLER, Stephen H., LT, MC, USN, General Practitioner

BAKER, George F., LT, MC, USN, Medical Administrative Officer

DENTAL DEPARTMENT

COSTA, Angelo B., CAPT, DC, USN, Dental Officer

PIERCE, Howard W., CAPT, DC, USN, General Practitioner

SMITH, Maurice M., LCDR, DC, USN, Prosthodontist

FENNER, David T., Jr., CDR, DC, USN, General Practitioner

WOODWORTH, George K., CDR, DC, USN, Periodontist

MALKEMUS, Charles M., LT, DC, USN, General Practitioner

DOUGHERTY, Michael B., LT, DC, USN, General Practitioner

WATERS, William H., LT, DC, USN, General Practitioner

FRIEDMAN, Jonathan M., LT, DC, USN, General Practitioner

KWIATKOWSKI, Stephen J., LT, DC, USN, General Practitioner

FINKEL, Charles E., LT, DC, USN, General Practitioner

ZEHREN, Thomas J., LT, DC, USN, General Practitioner

ADMINISTRATIVE DEPARTMENT

SORG, George A., CDR, USN, Administrative Officer

MCLAUGHLIN, Charles S., LTJG, USN, Ship Operations Superintendent

FOUNTAIN, Clifford A., LTJG, USN, Communications Superintendent

KENNEDY, John J., LCDR, USN, Naval Personnel/Security Officer

MOWRY, John J., LCDR, CHC, USN, Chaplain

CASDO DEPARTMENT

GOODMAN, Ronald M., LCDR, USN, Asst. Officer in Charge

SUP SHIP ONE DEPARTMENT

ULRICH, John L., LCDR, USN, Sup Ship Superintendent

ROBERTS, George H., LT, USN, Sup Ship Liaison

ROBERTS, James A., LTJG, USN, Asst. Ship Superintendent

MUSTER ROLLENLISTED PERSONNEL ASSIGNMENTSSTEWARD DIVISION

FORD, Harold M.	(b) (6)	SDC
BROWN, Isaac W.		SD1
BULAWAN, Bernardo A.		SD1
AMO, Rogelio B.		SD2
CARILLO, Rolando V.		SD3
CARLOS, Carlos B.	(b) (6)	SD3
MABUNGA, Roberto B.		SD3
MAYO, David M.		SD3
ONA, Virgilio C.		SD3
DULAY, Rodrigo S.		TN
LIPA, Hector E.		TN
MIRADOR, Gualberto M.		TN
REYES, Laureano Z.		TN
EBALO, Adolfo E.		TN

SUPPLY OVERHAUL ASSISTANCE PROGRAM

CUNNINGHAM, Clair E.	(b) (6)	SKCS
GAGNE, Donald P.		SKCS
CAGUIAT, Emeterio C.		SKC

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MONTOYA, Venancio E.	(b) (6)	SKC
CAPANAS, Conrado Q.		SK1
HAYWARD, Herbert E.		SK3

COMMISSARY DIVISION

MILLER, Richard D.	(b) (6)	CSCS
FLOOD, Donald A.		SK2
MOLLOY, Richard "L"		CS1
STEPHENS, Roy G.		CS1
BATIS, Ludwig, Jr.		CS2
FORD, Morris A.	(b) (6)	CS2
McCARTY, Robert J.		CS2
SAWYER, Jesse L.	(b) (6)	CS2
SANTA MARIA, Alejandro B.	(b) (6)	CS3

FRAZIER BARRACKS DIVISION

MANHEIMER, Barry D.	(b) (6)	ENC
POLHEMUS, Edwin L.		MM1
HOLLYER, Paul G.		FN

MILITARY PERSONNEL DIVISION

D'AMBRISI, Reginald W.	(b) (6)	PN2
KASTRUP, Eugene T.		MMC

MEDICAL DEPARTMENT

CURRIER, Elwood E., Jr., 210 64 49		HMC
HYNES, Samuel M.	(b) (6)	HM1
WELLS, David E.		HM1
DELAP, Wayne F.		HM2
FOLEY, Jerome L.		HM2
MARTIN, Brooke G.		HM2
MOORE, Terry D.		HM2
RUTLEDGE, Robert G.		HM2
SMITH, Craig M.		HM2
THELEN, Robert J., Jr.,		HM2
COVILL, David W.	(b) (6)	HM3
GOMEZ, John G.		HM3
HOJOHN, Michael R.		HM3
JOHNSON, Robert H.		HM3
LOPEZ RODRIGUEZ, Julio		HM3
O'KEEFE, Richard J.	(b) (6)	HM3
SMITH, Bradford J.		HM3
GEESAMAN, Kurt W.		HN
SMITH, Donald F.		HM3

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DENTAL DEPARTMENT

HINNANT, Billy H.	(b) (6)	DTCS
SHIRTCLIFF, Russell D.		DT1
DELATORRE, Anthony M.		DT2
HOBBS, Reginald G.		DT2
LUSTAN, Rufino G.		DT2
NISSEN, John T.		DT2
BLACKMAN, John D.		DT3
BONIN, Bruce K.		DT3
CORWIN, Alan B.		DT3
GILMAN, Barry L.	(b) (6)	DT3
KENNEDY, Llewellyn D.		DT3
BROWN, Fred O.		DN
FOLEY, Joseph S.		DN
JANEY, Timothy P.		DN
MALMBERG, Lee R. C.	(b) (6)	DN
STORM, Jon A.		DN
THURLOW, James H.		DN
WYNDER, Larry L.		DN
CAUSEY, Wlater G.		DT1
MANY, Richard J.		DN

WATERFRONT SUPPORT DIVISION

WICKWIRE, Leonard	(b) (6)	ENCS
SOLLENBERGER, Harold L.		MMC
SOCALL, Allan E.		BT1
SADZEWICZ, Robert C.		EM1
BARBOUR, William P.		EM2
DEATON, Robert L.		EN1
PERRY, Nathaniel, Jr.		SFM2
GLOVER, Leo		MM2
RIDDELL, Douglas C.		CS3

SERVICE CRAFT

MELLIN, John G.		BMC
PALITTA, Savino N.		BMC
HUSSEY, Eugene J.		BM1
COLVIN, Joseph H.		BM2
STAUB, Stephen A., Jr.		EN1
FISHER, Warren G. H., Jr.		EM2
HIX, George L.		EM2
NASIS, Rizalino C.		EM3
HESSON, Robert W.		CS3
PEREGRINO, Ramon S. J.		CS3

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SERVICE CRAFT (Cont'd)

PIZANA, Armando M.

(b) (6)

FA

SCHANDA, John L.

FA

VAZQUEZ, Hector L.

FA

WHITE, Hobert D.

FA

AZERI, Yalcin

SN

BURCH, James R.

SN

CARD, Stephen T.

SN

BATCHELOR, Robert F.

SA

TOMLINSON, John

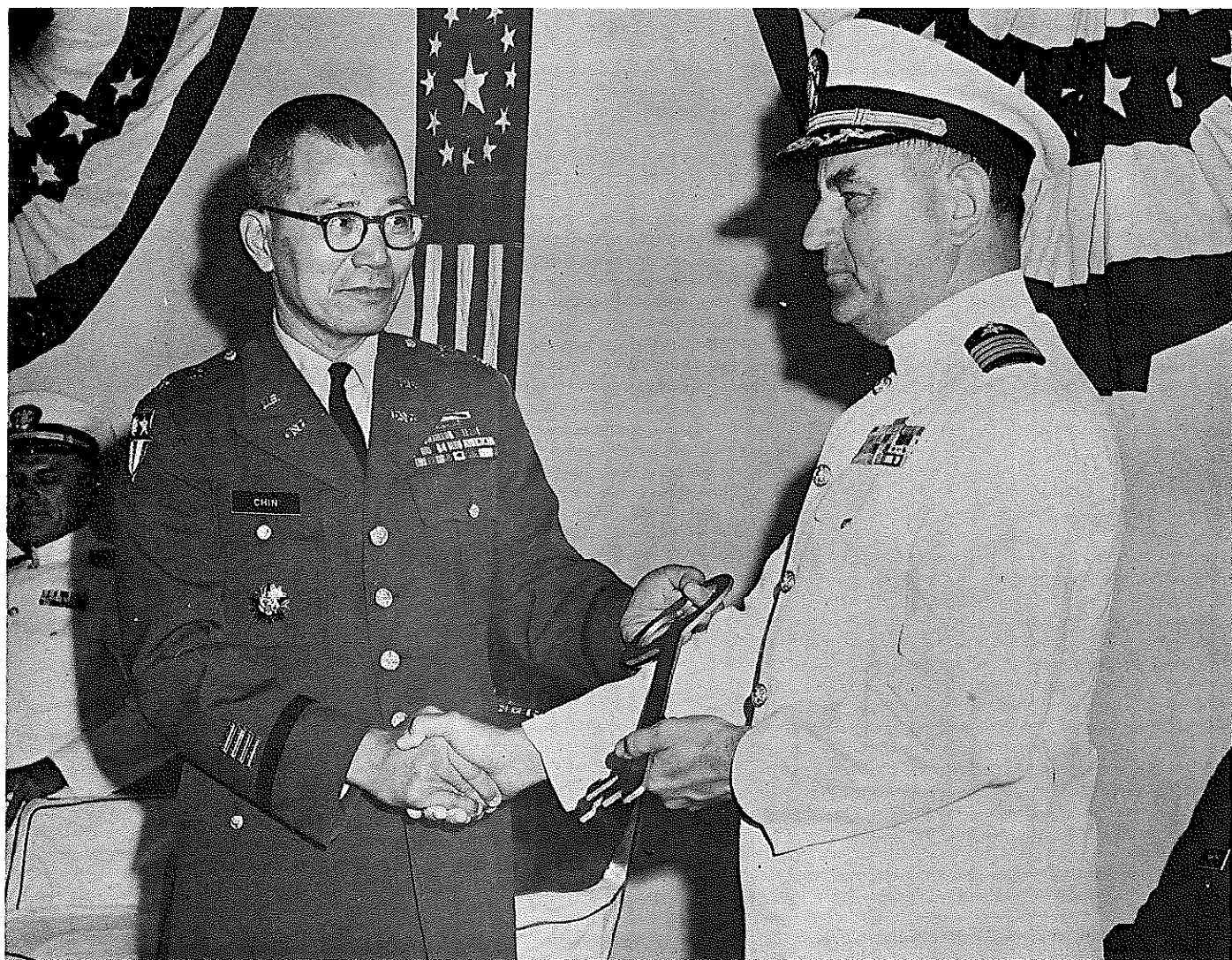
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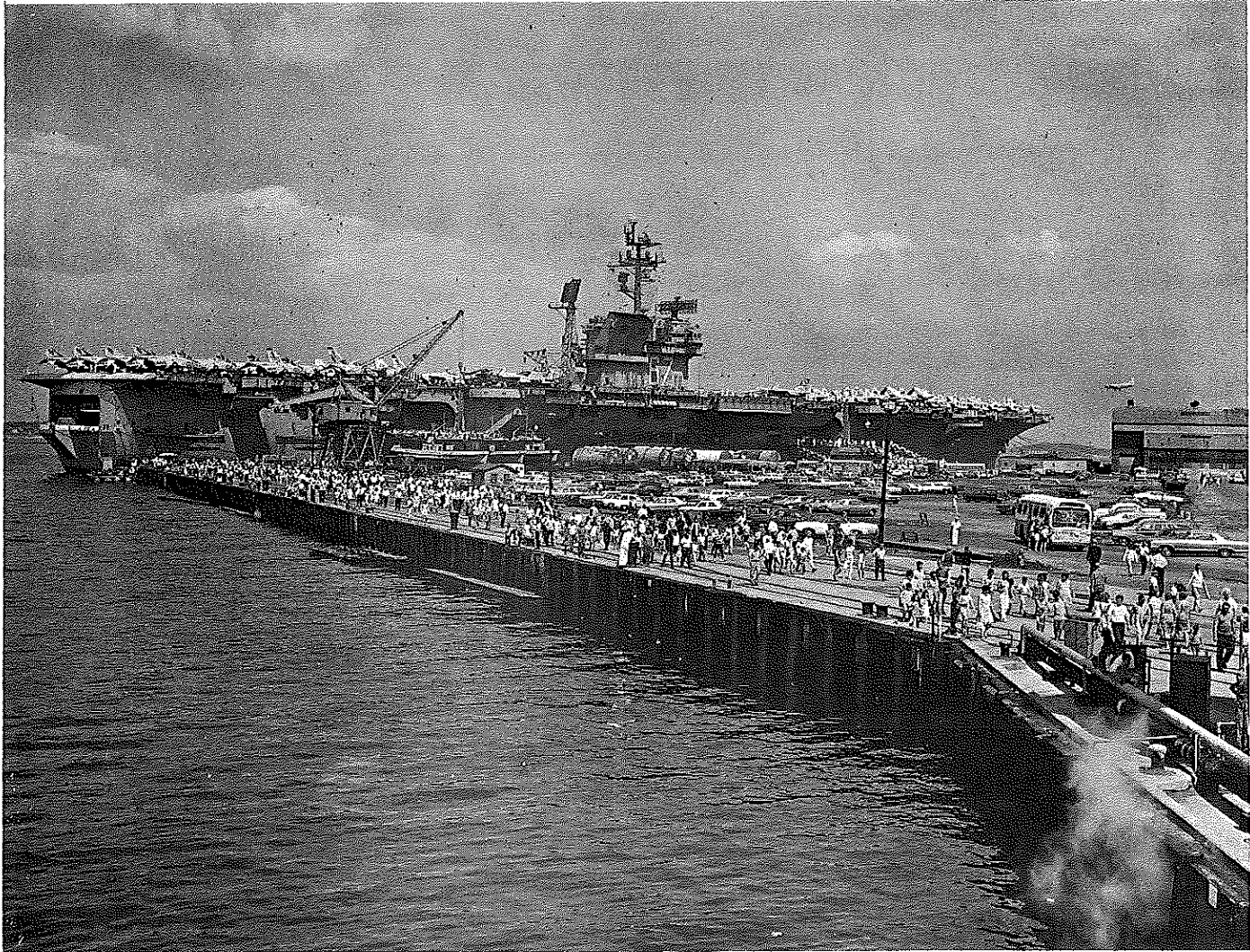
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ENCLOSURES

- Enclosure (1) Photograph - Captain R. W. Burk, USN, Commander, Boston Naval Shipyard, accepts custody of the Boston Army Base for the Department of the Navy from Colonel Wah G. Chin, representing the United States Army, on 30 June, 1970.
- Enclosure (2) Photograph - USS JOHN F. KENNEDY (CVA-67) visited Boston Naval Shipyard (South Boston Annex) on 3 - 4 August, 1970.



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